

FIG. 1A

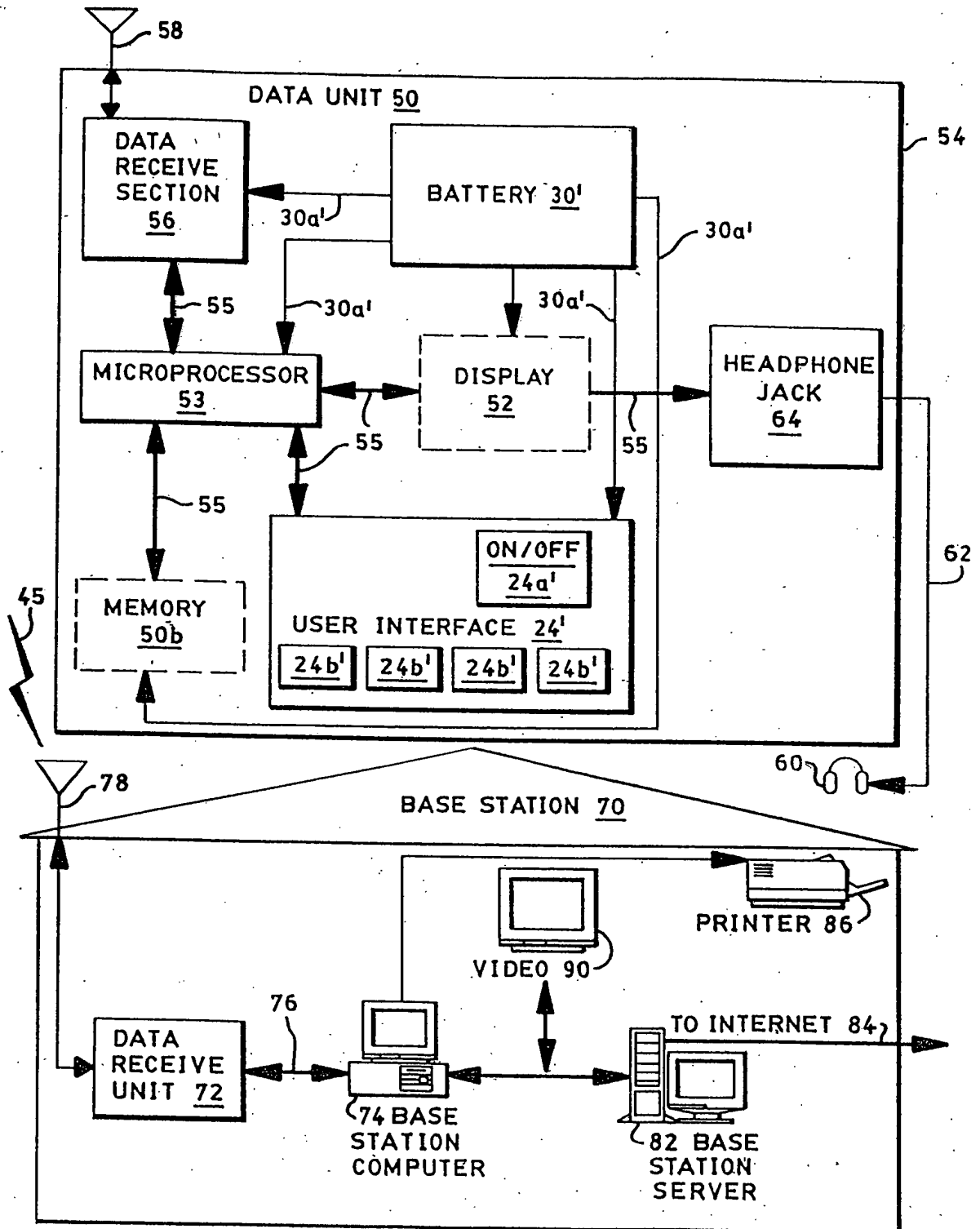


FIG. 1B

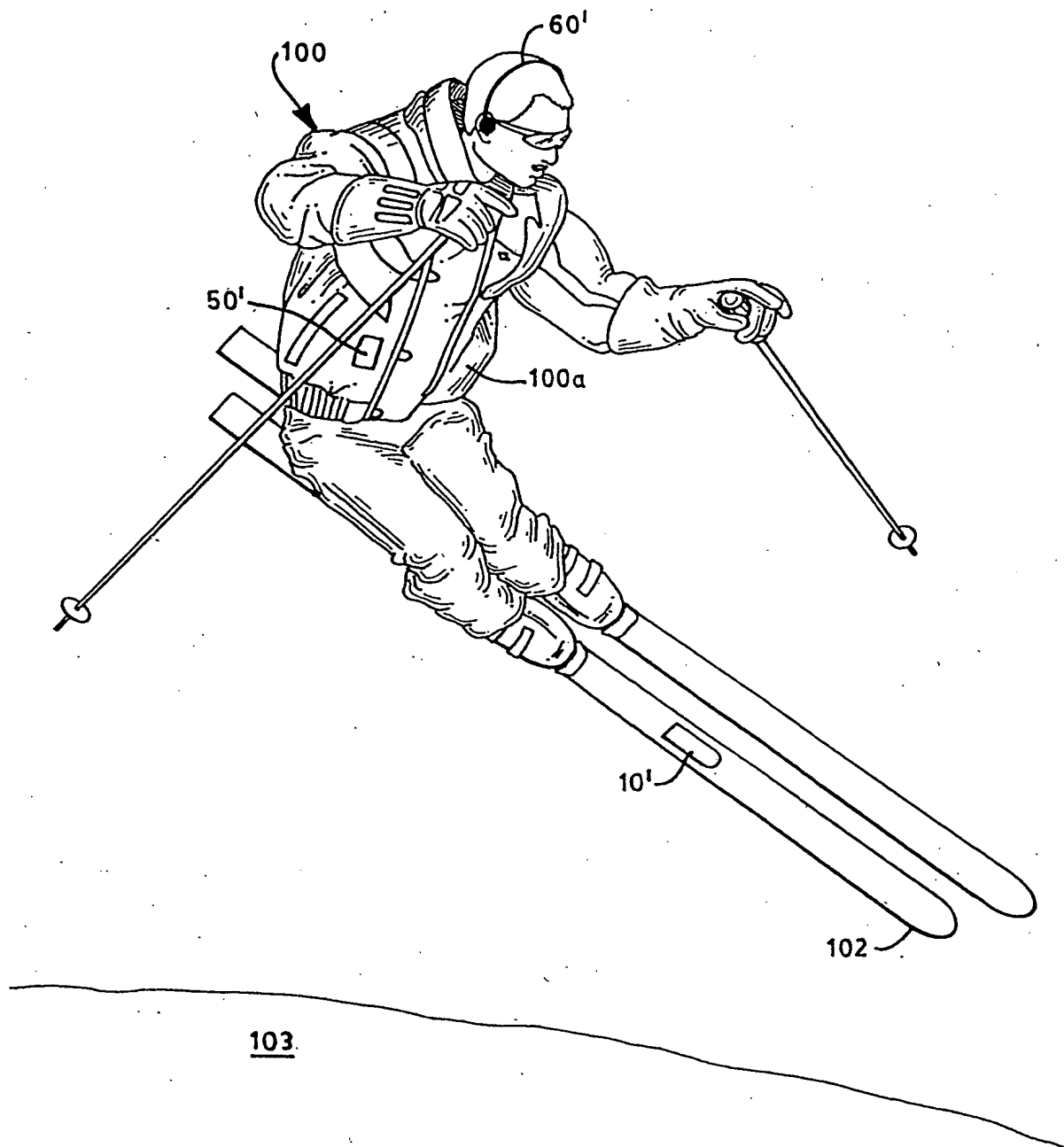


FIG. 2

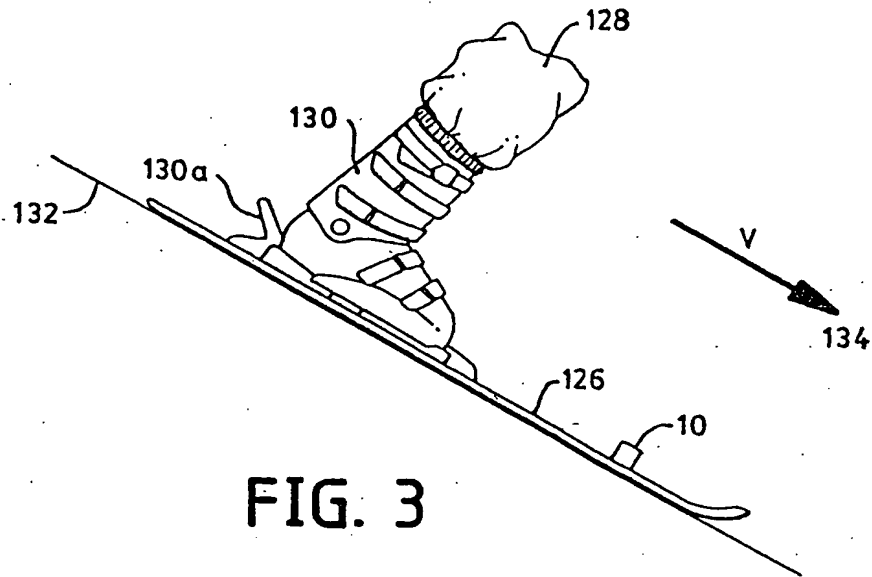


FIG. 3

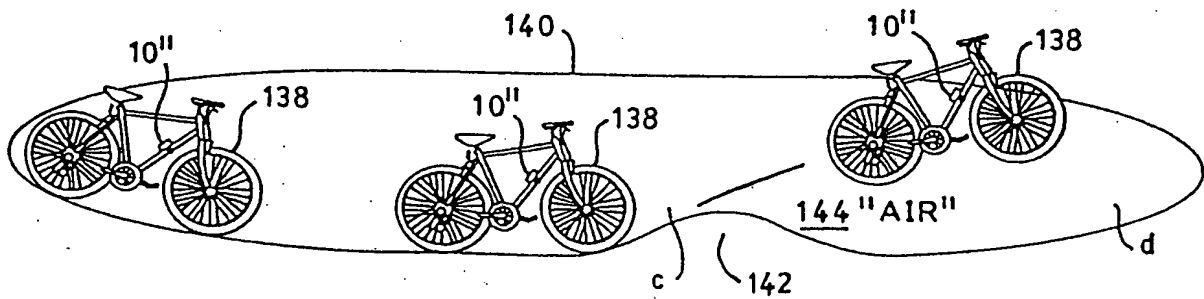


FIG. 5



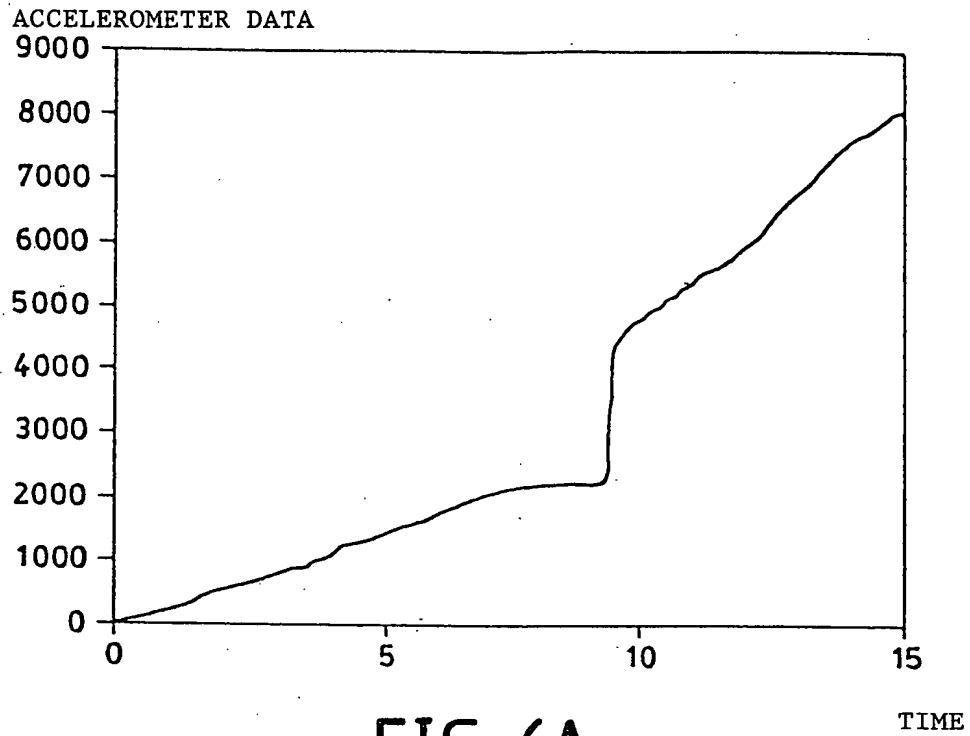


FIG. 6A

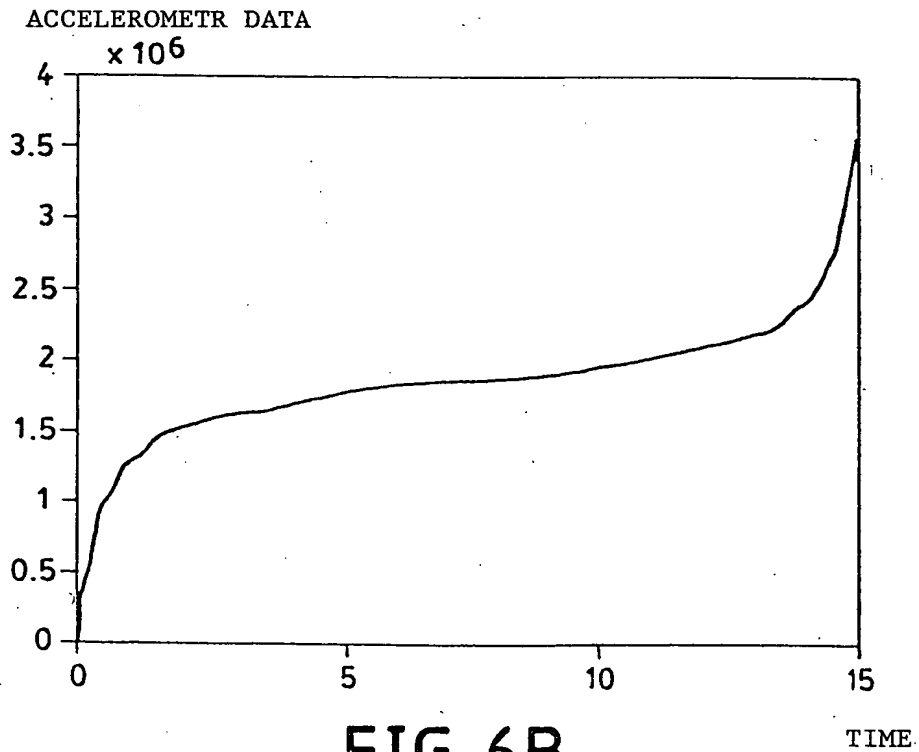


FIG. 6B

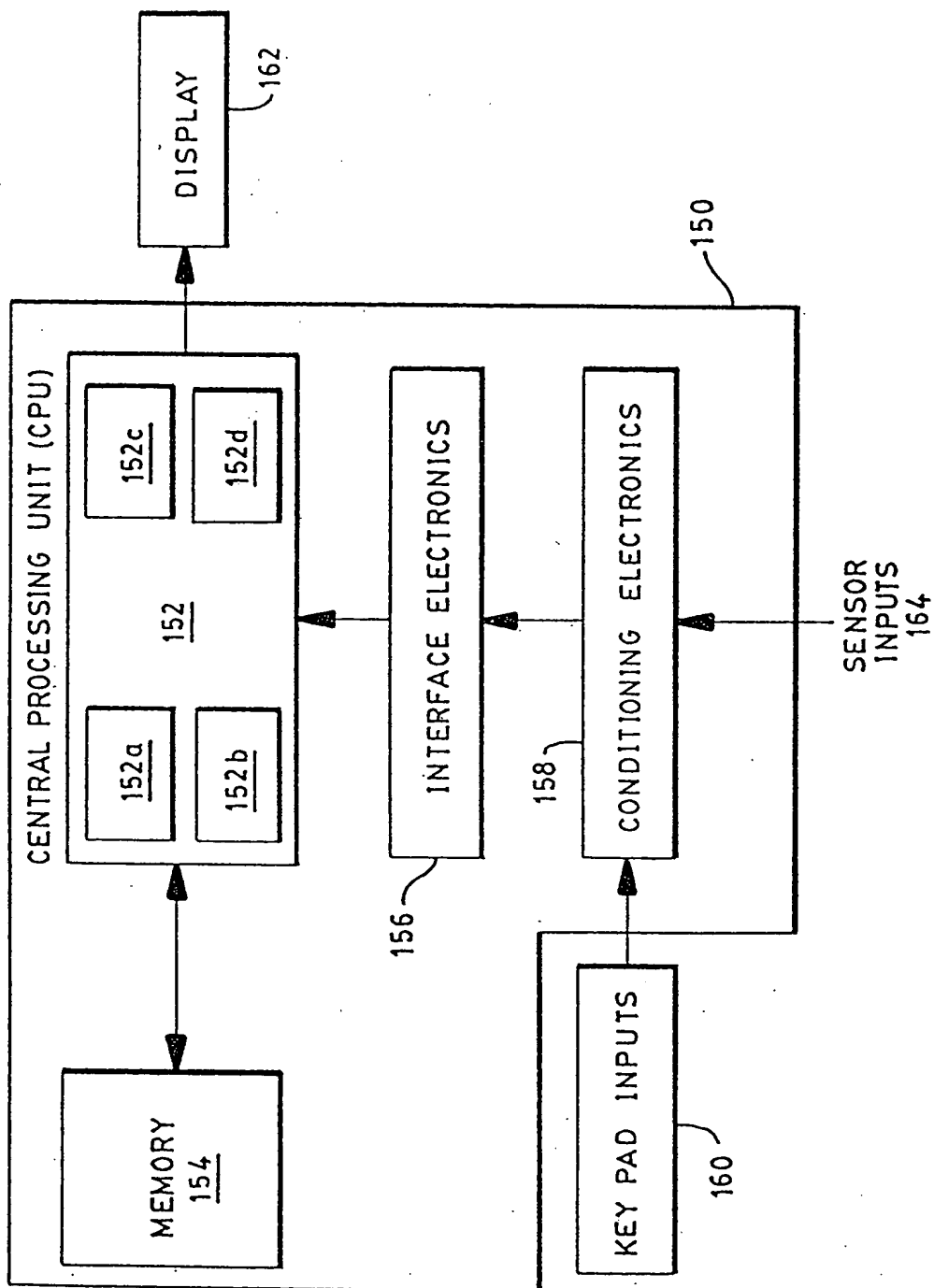


FIG. 7



ACCELEROMETER DATA

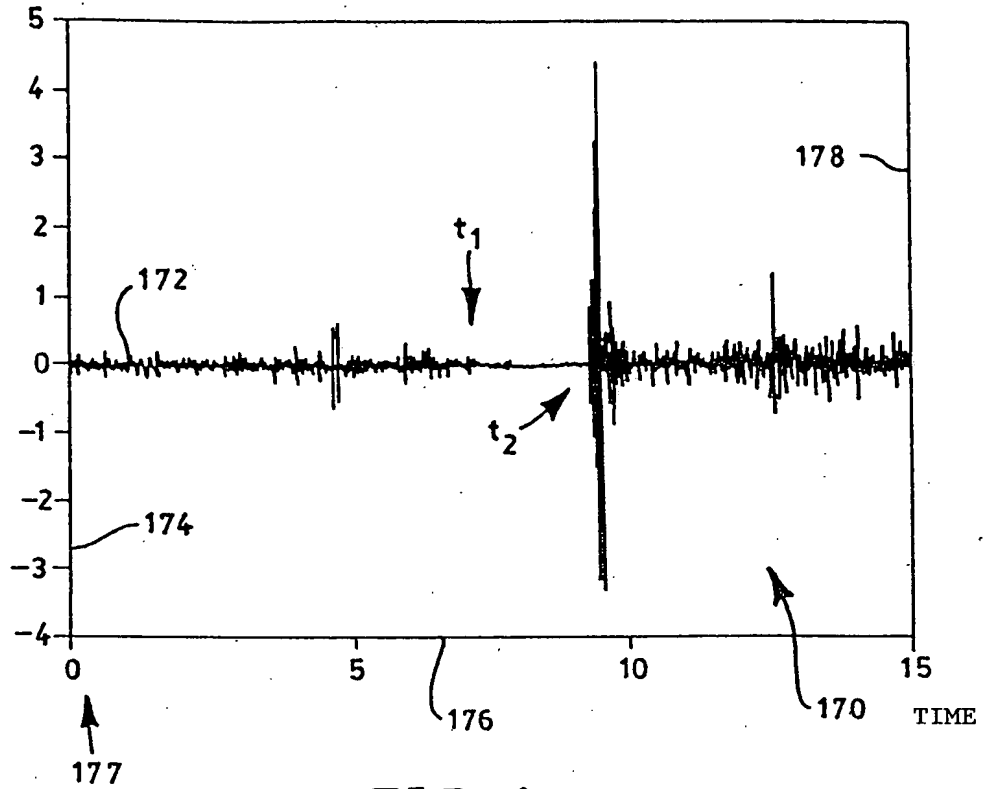


FIG. 6

VIBRATIONAL OR SOUND
SPECTRUM MAGNITUDE

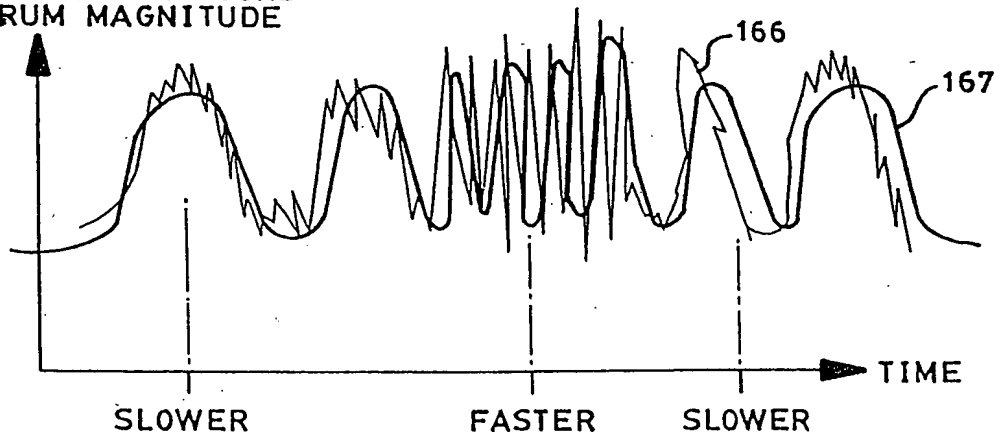


FIG. 8

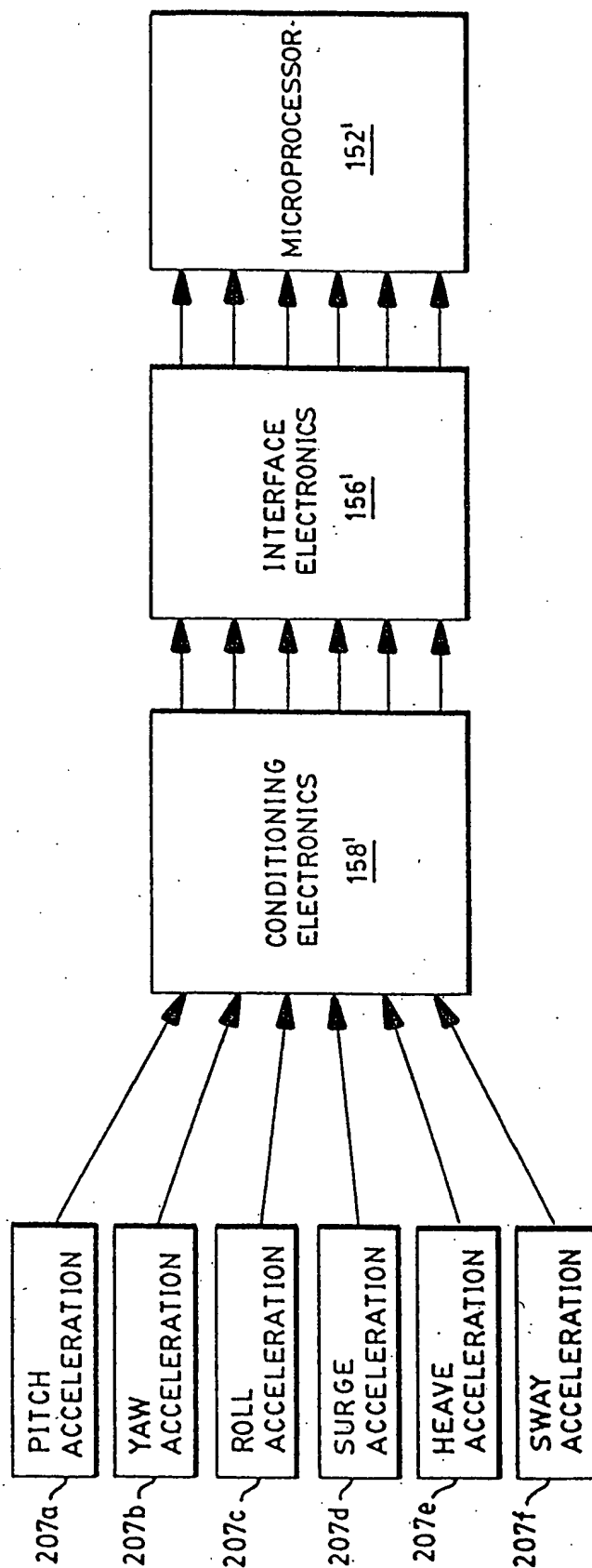


FIG. 9

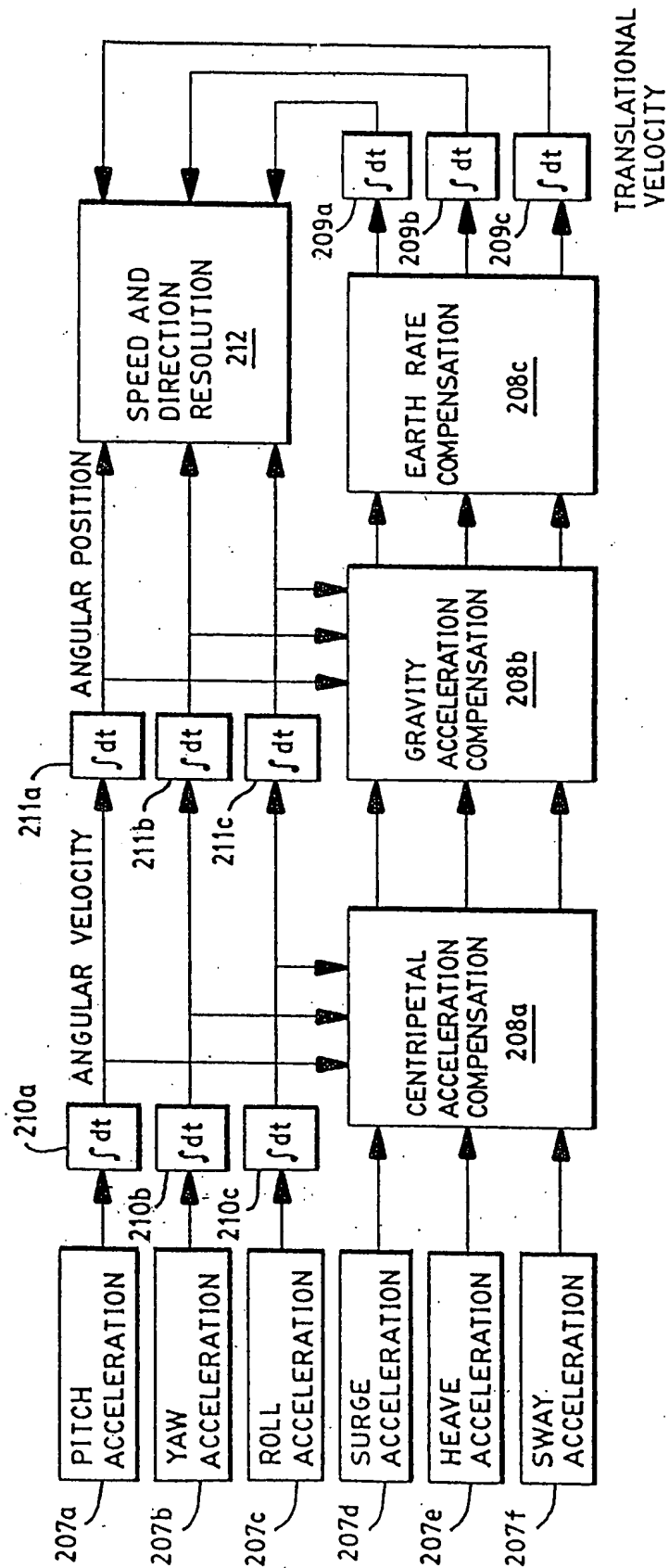


FIG. 10



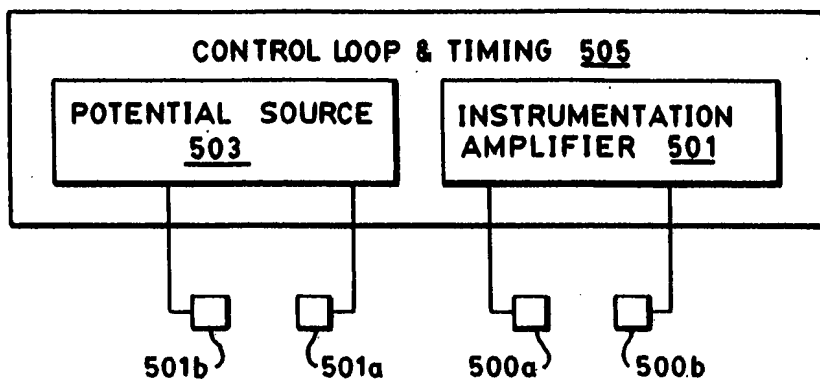


FIG. 15

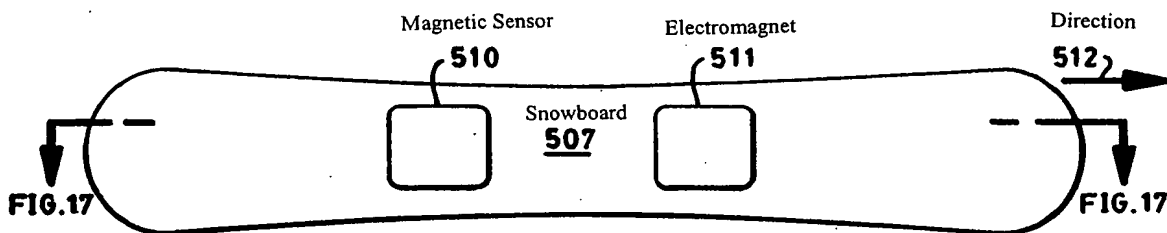


FIG. 16

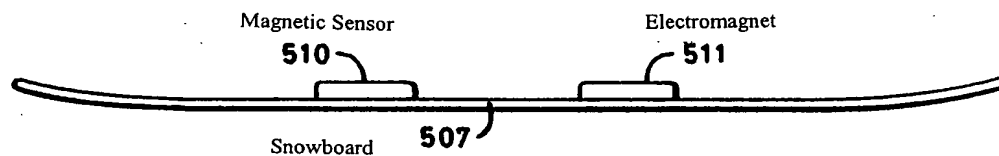


FIG. 17

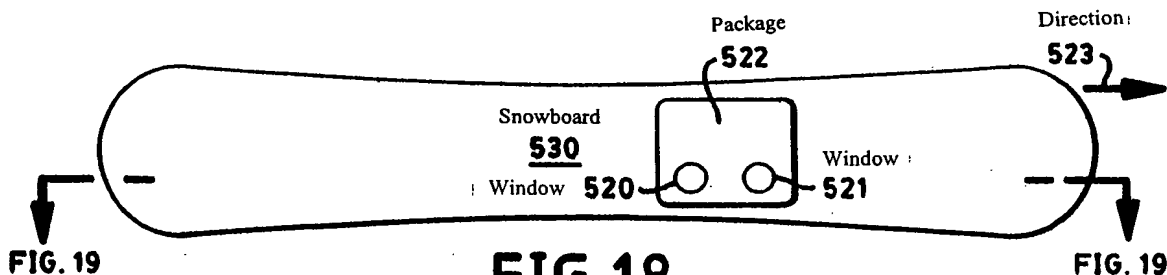


FIG. 18

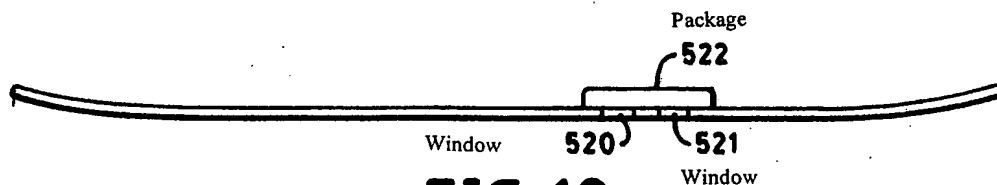


FIG. 19

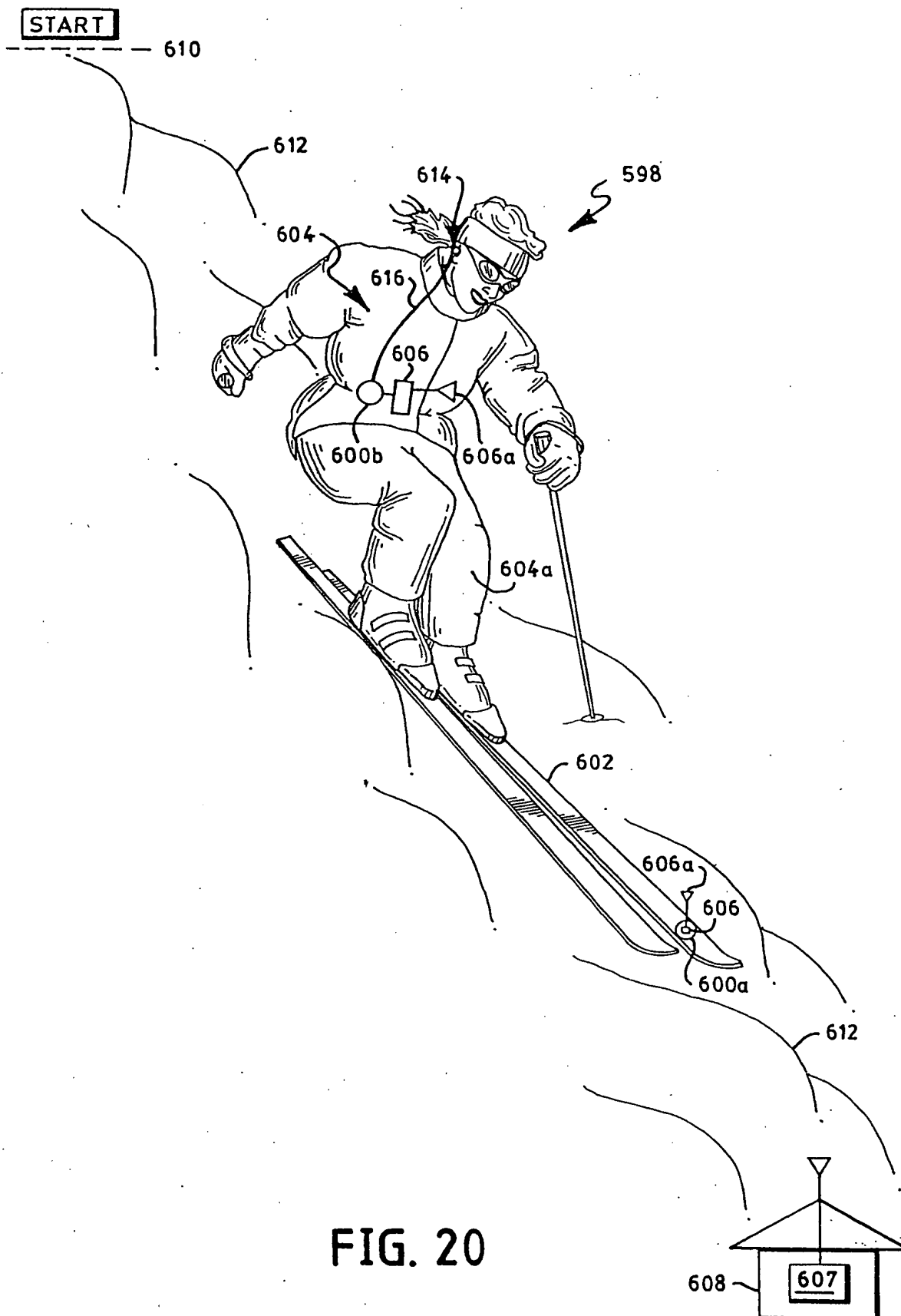


FIG. 20

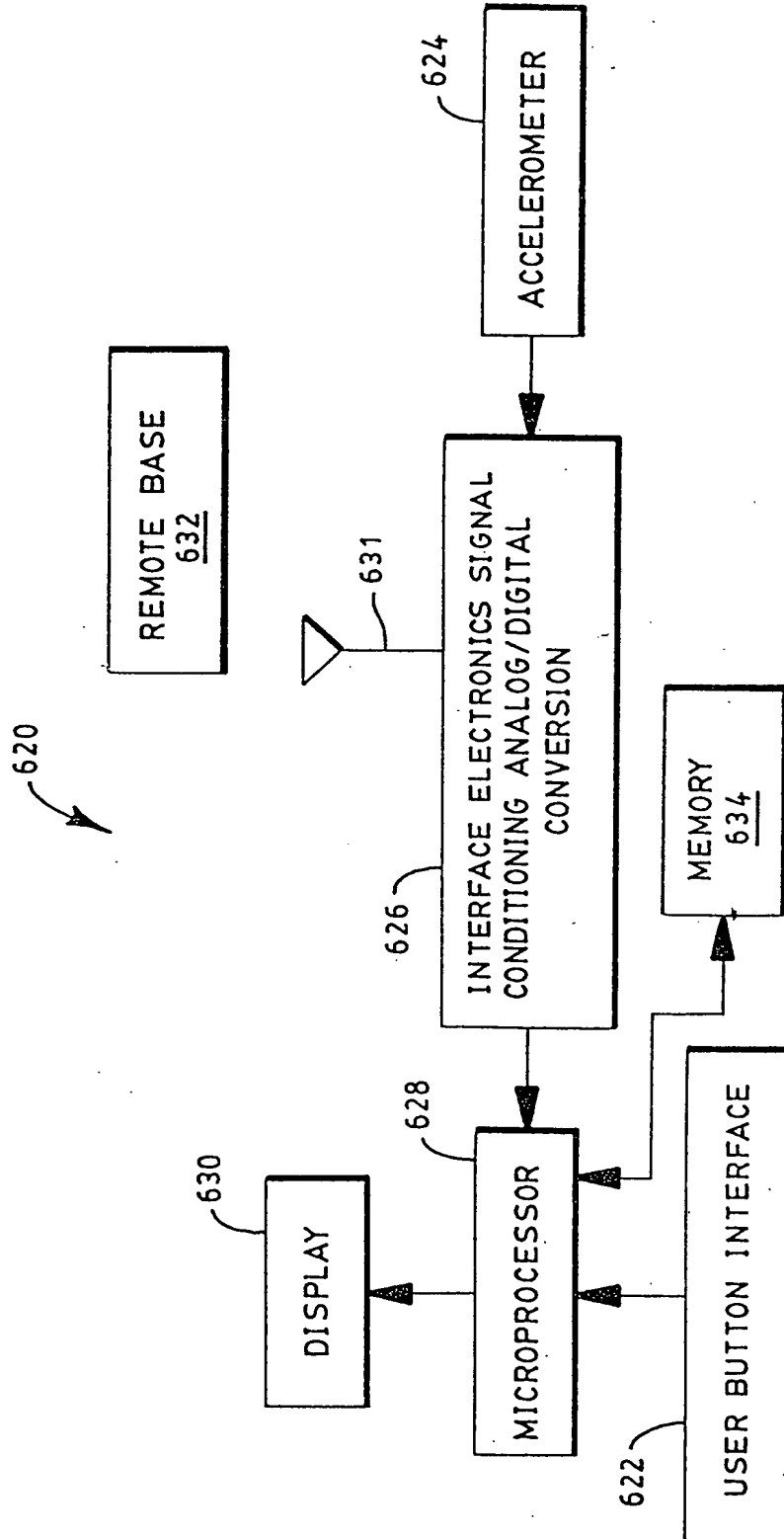


FIG. 21

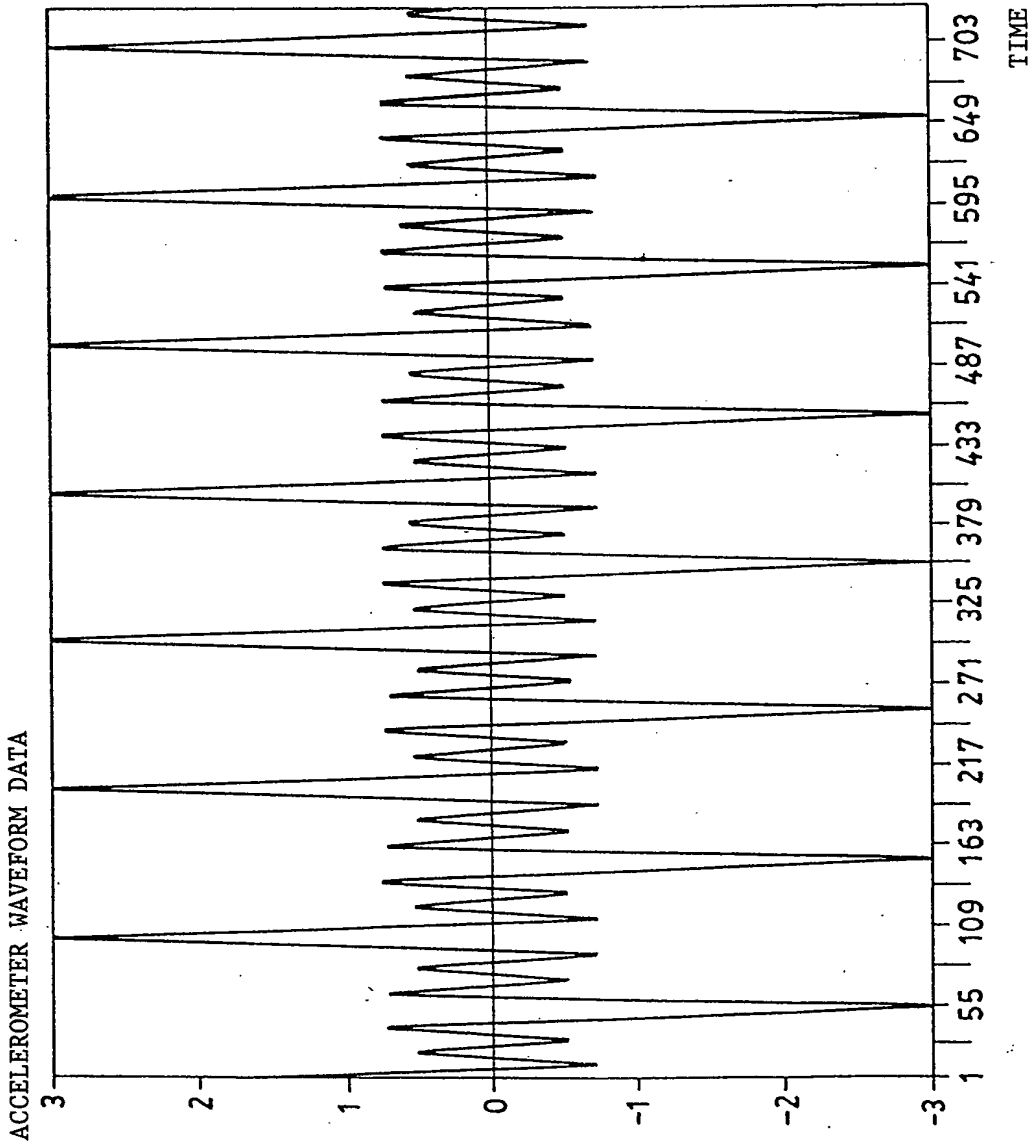


FIG. 22

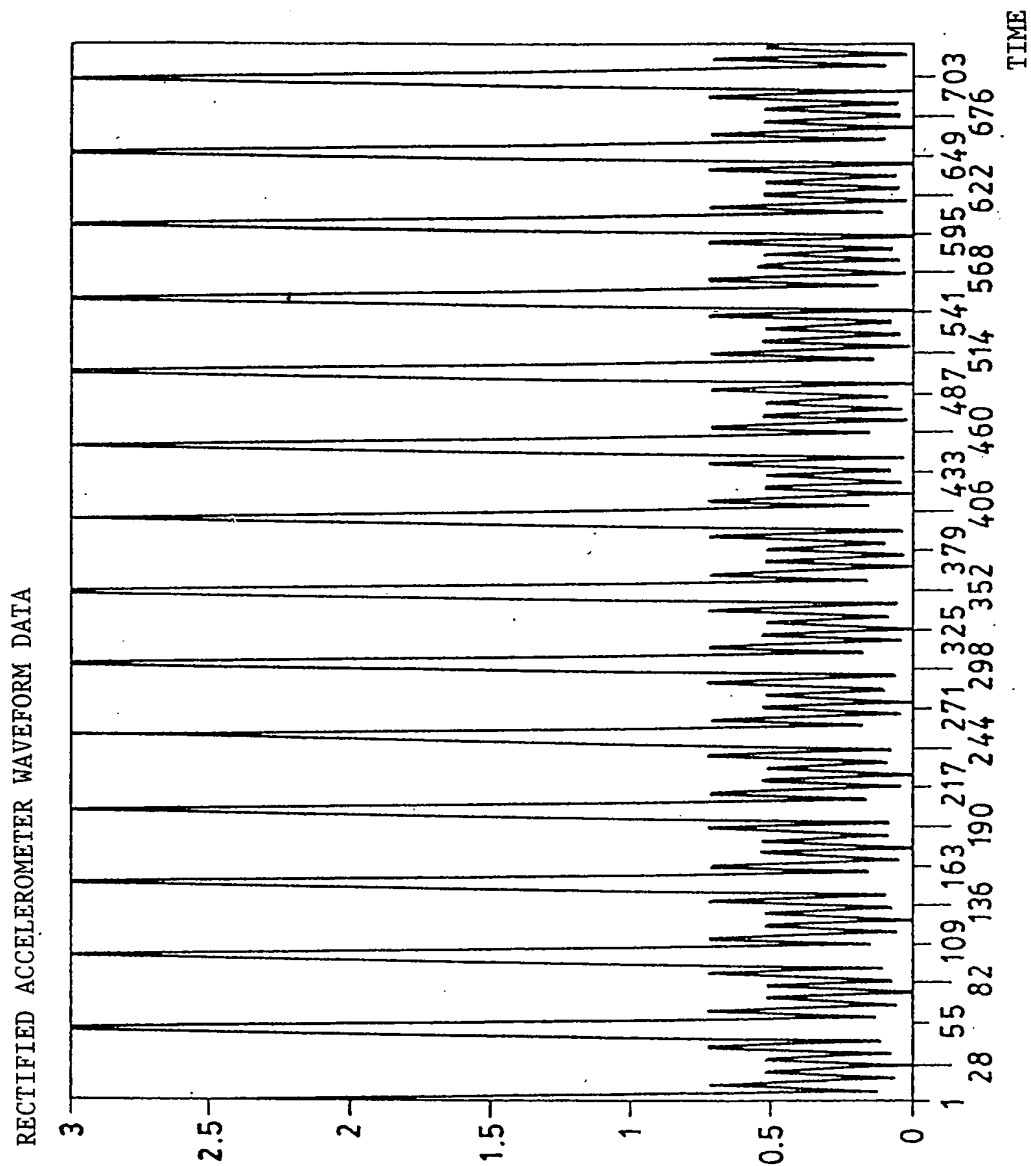


FIG. 23

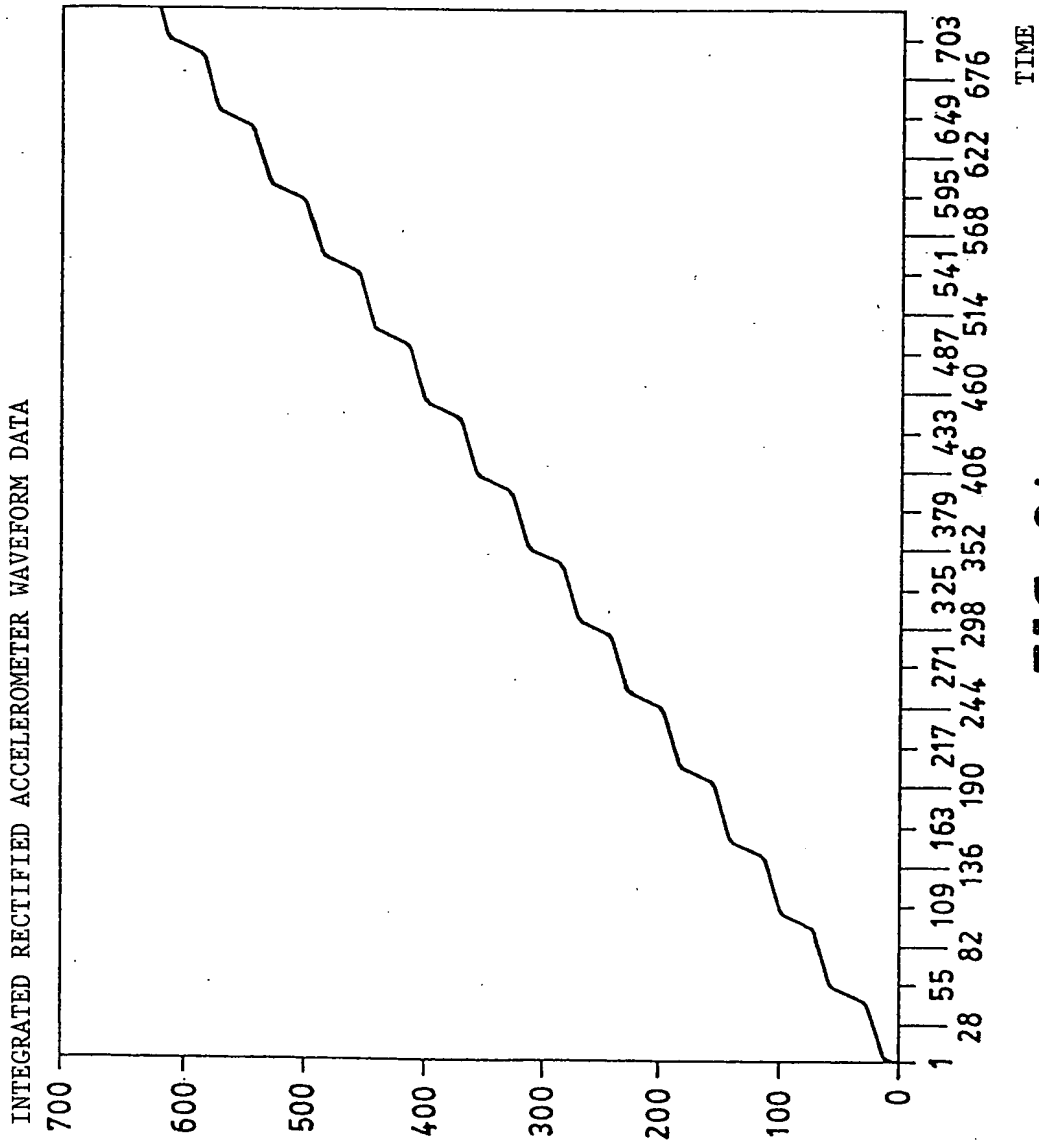


FIG. 24

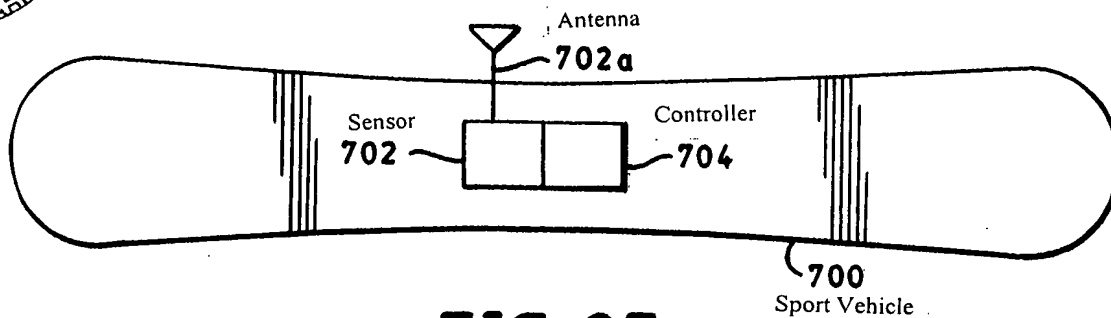


FIG. 25

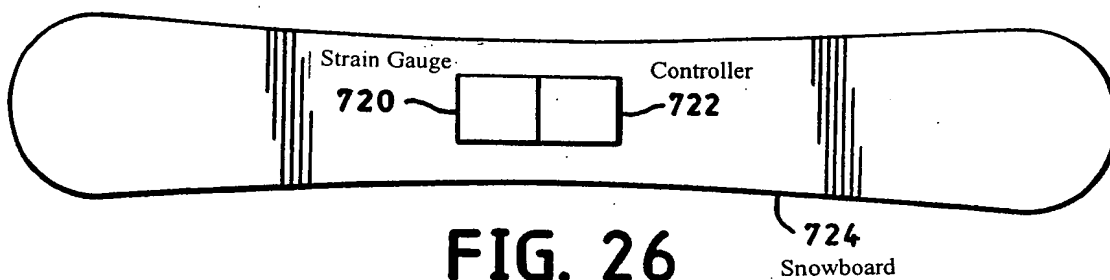


FIG. 26

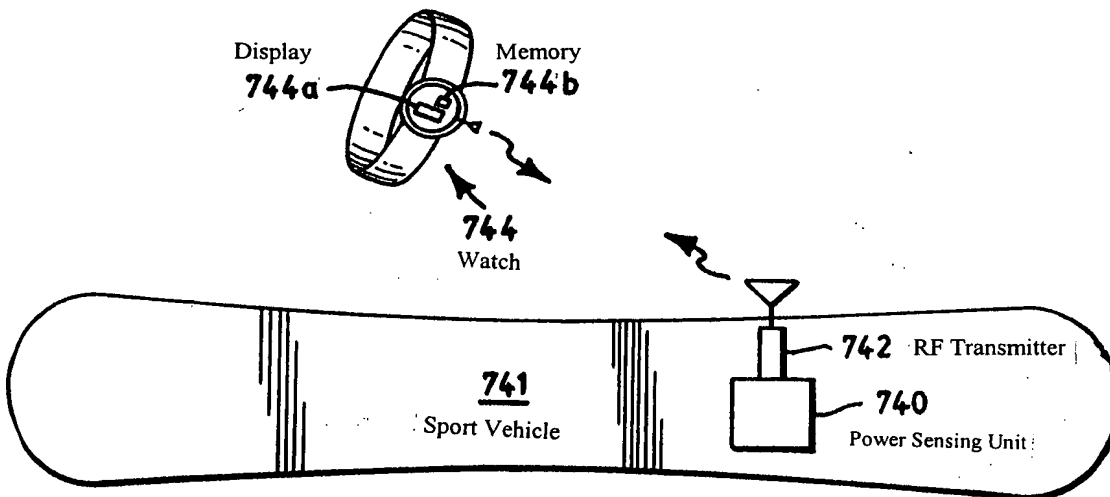


FIG. 27

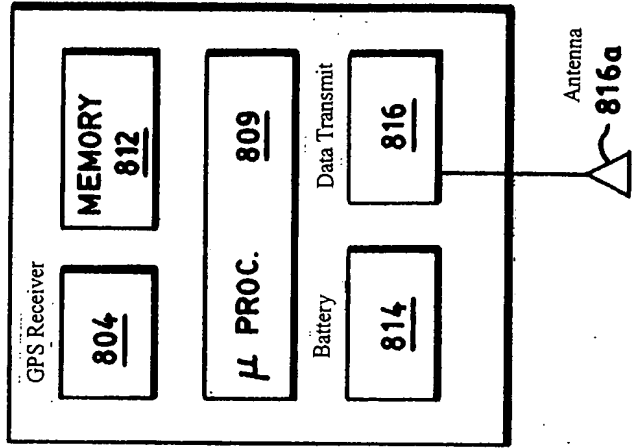
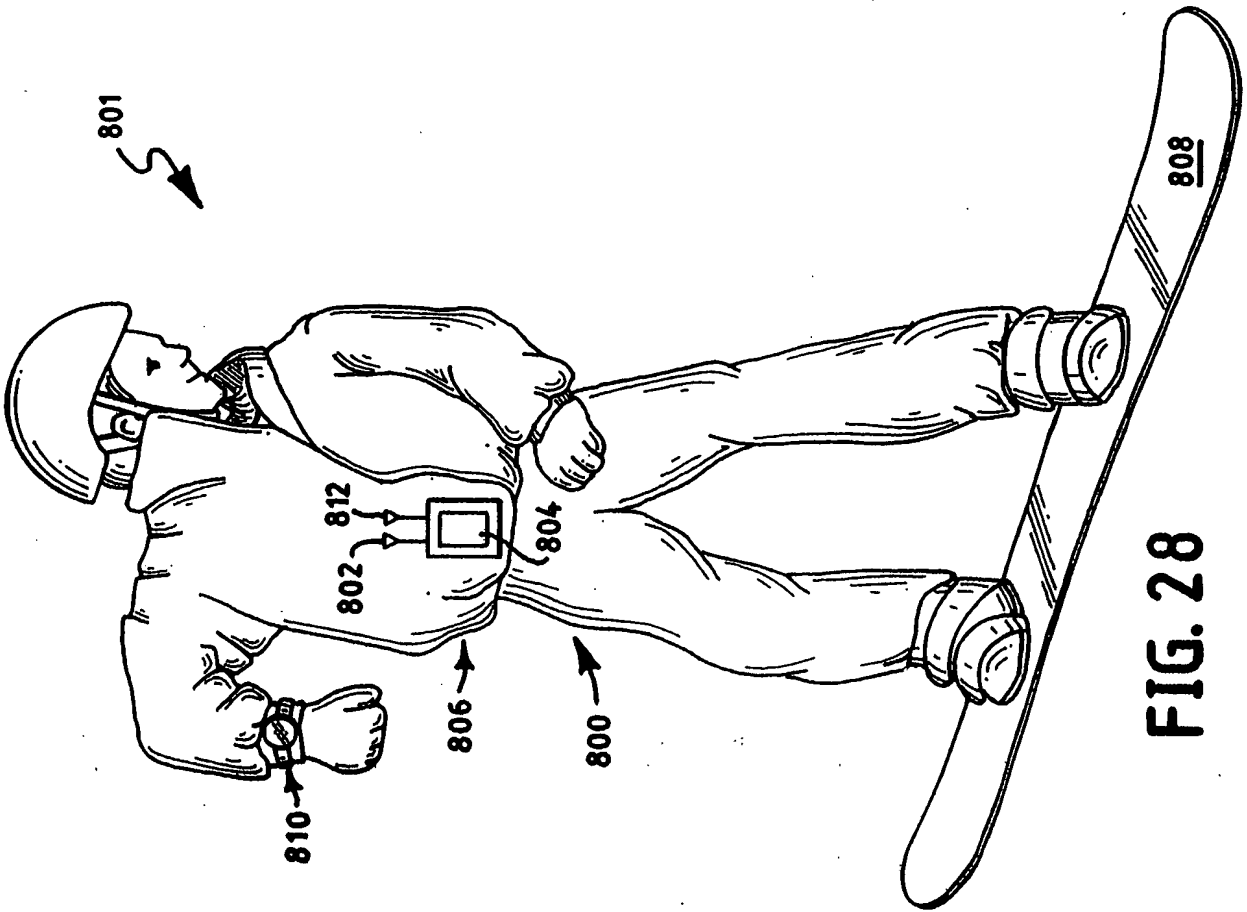


FIG. 29

FIG. 28

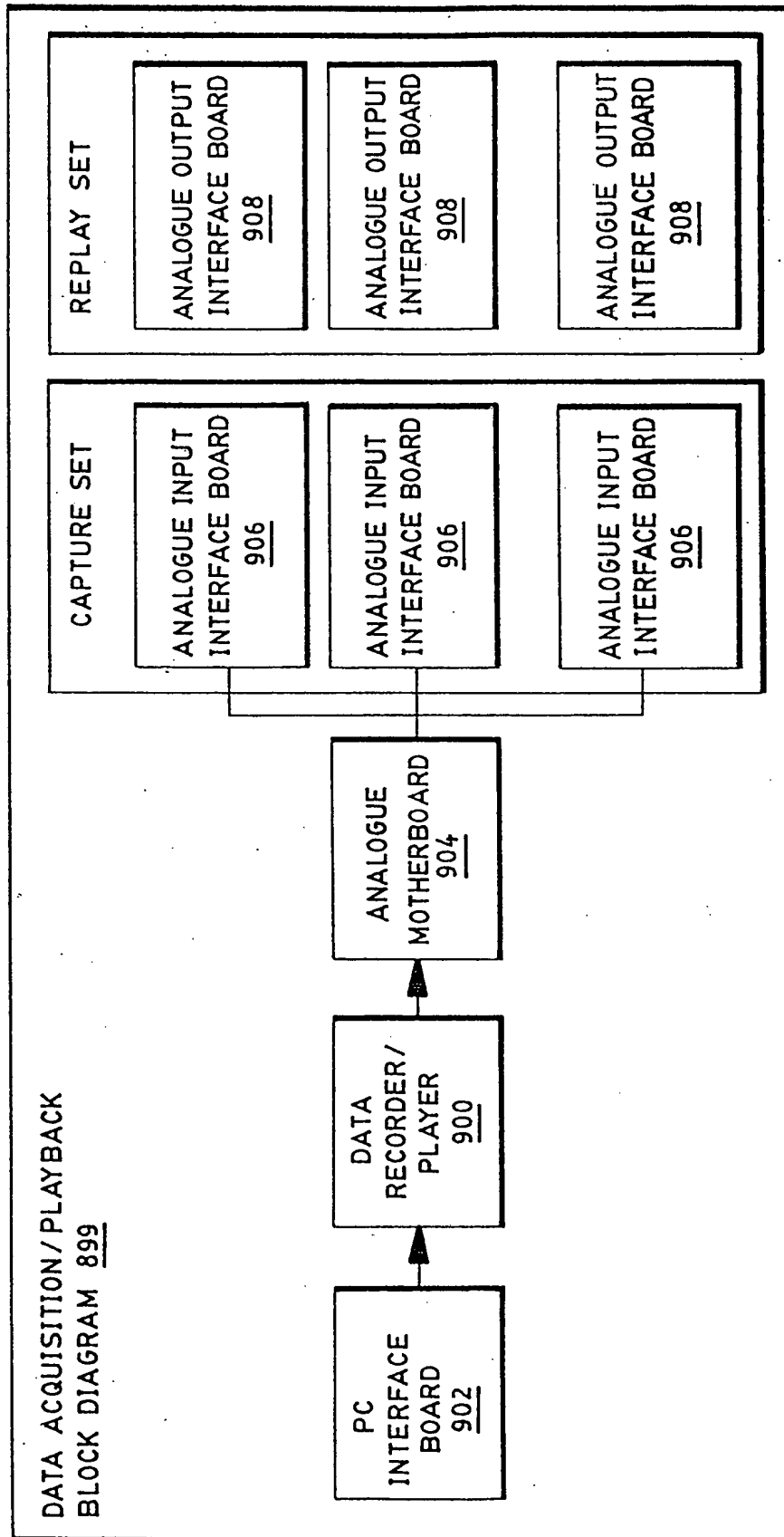


FIG. 30

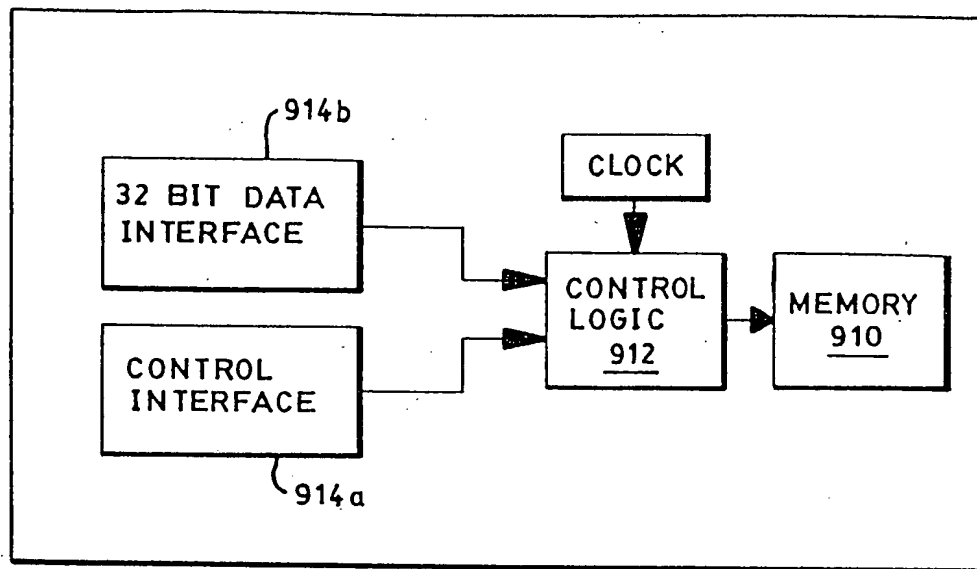


FIG. 31

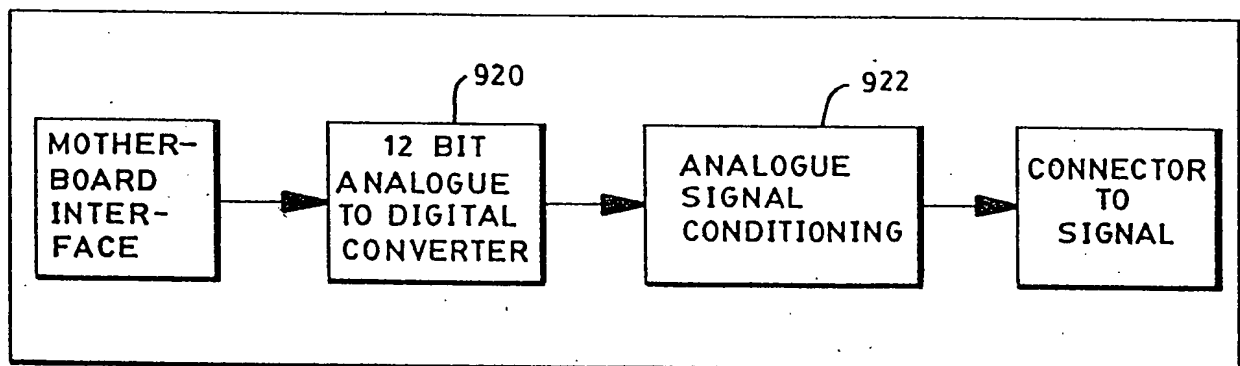


FIG. 33

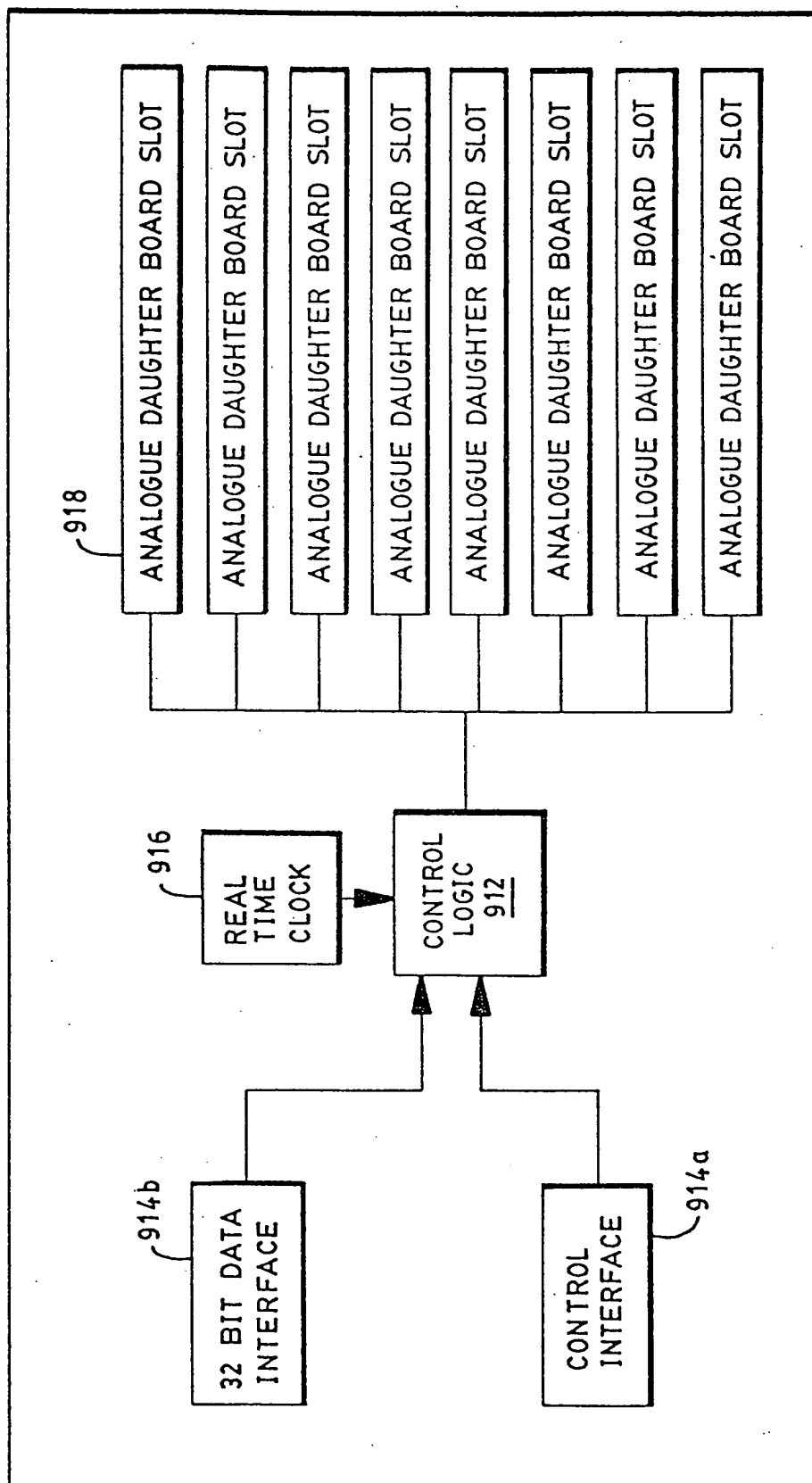


FIG. 32



930 ↗

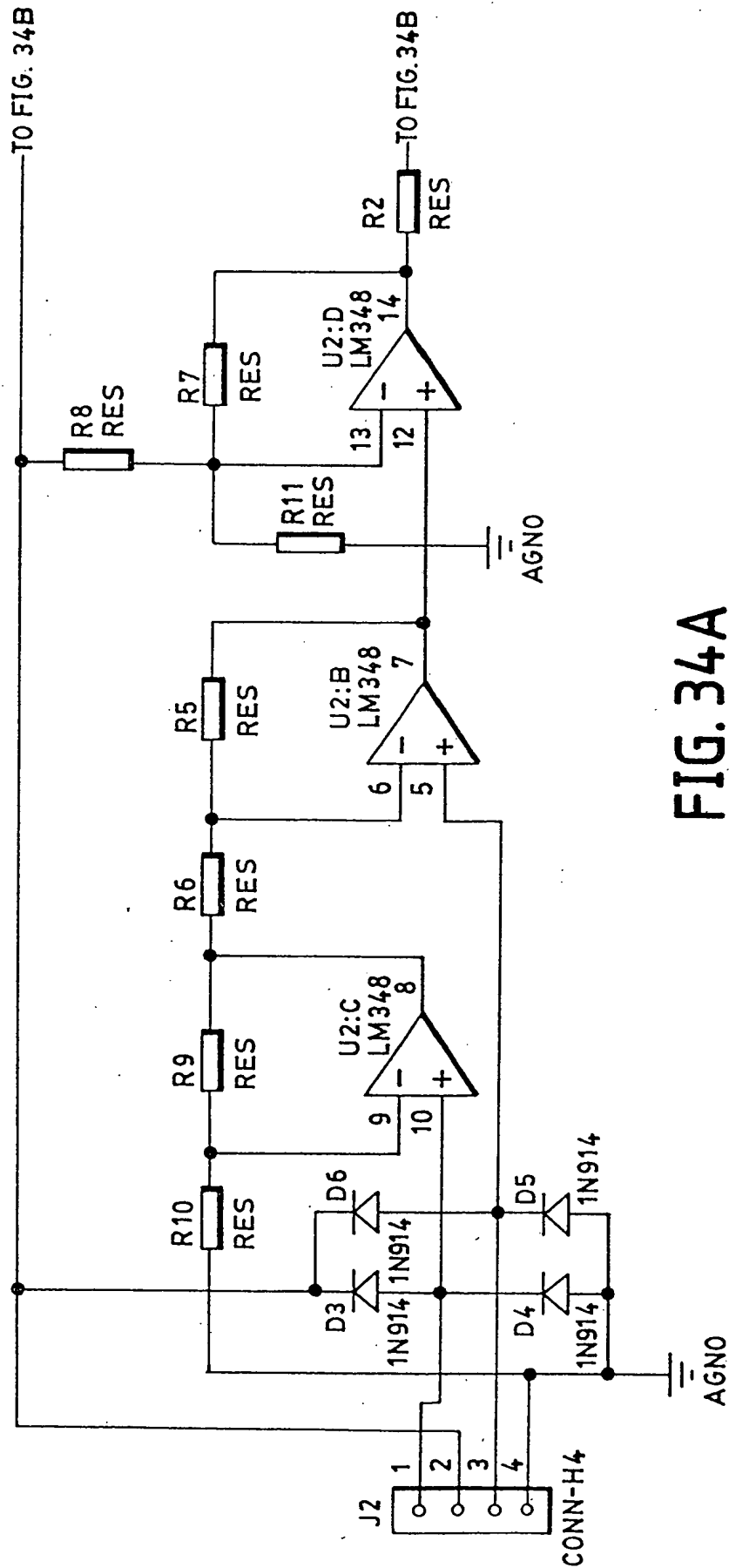


FIG. 34A



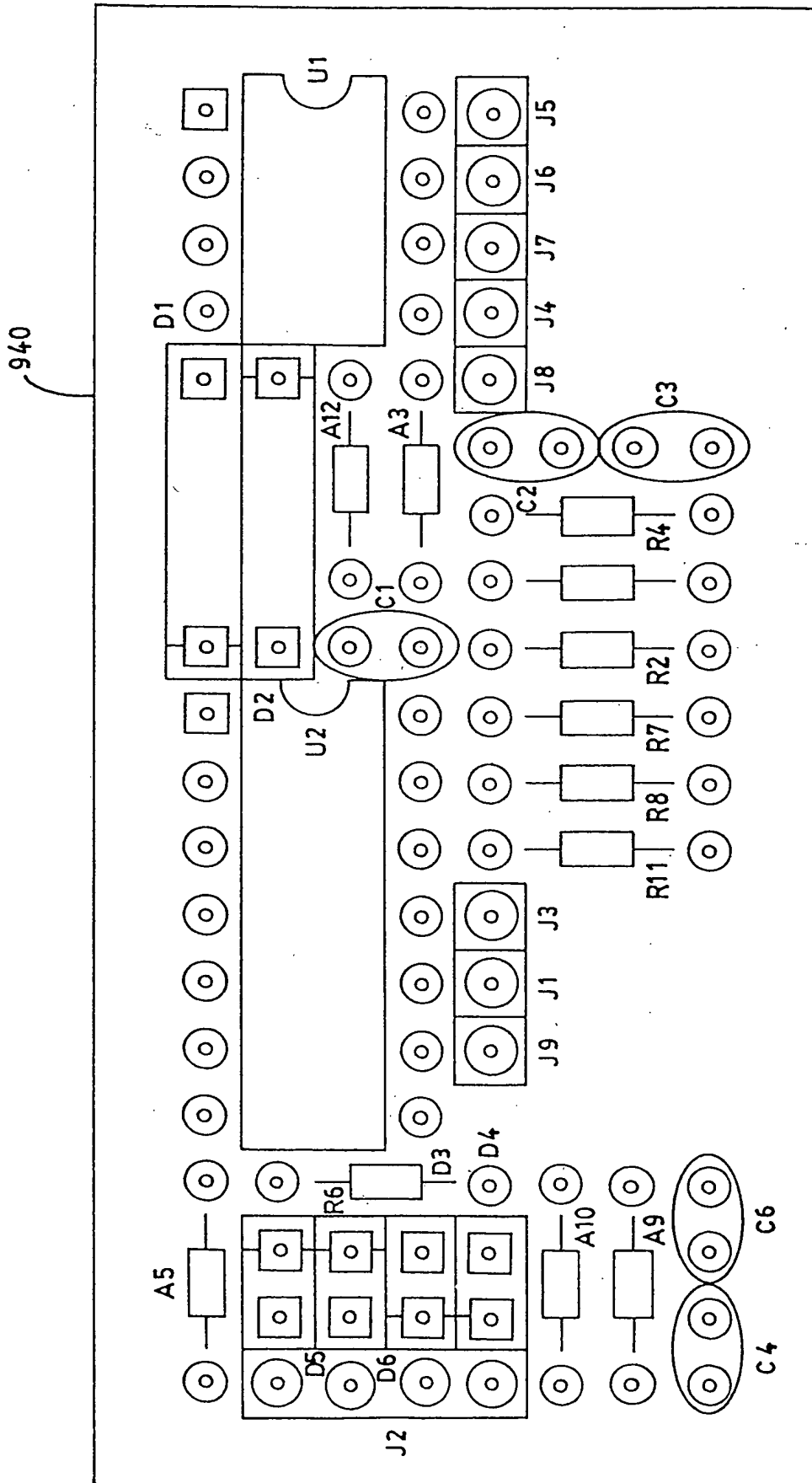


FIG. 35

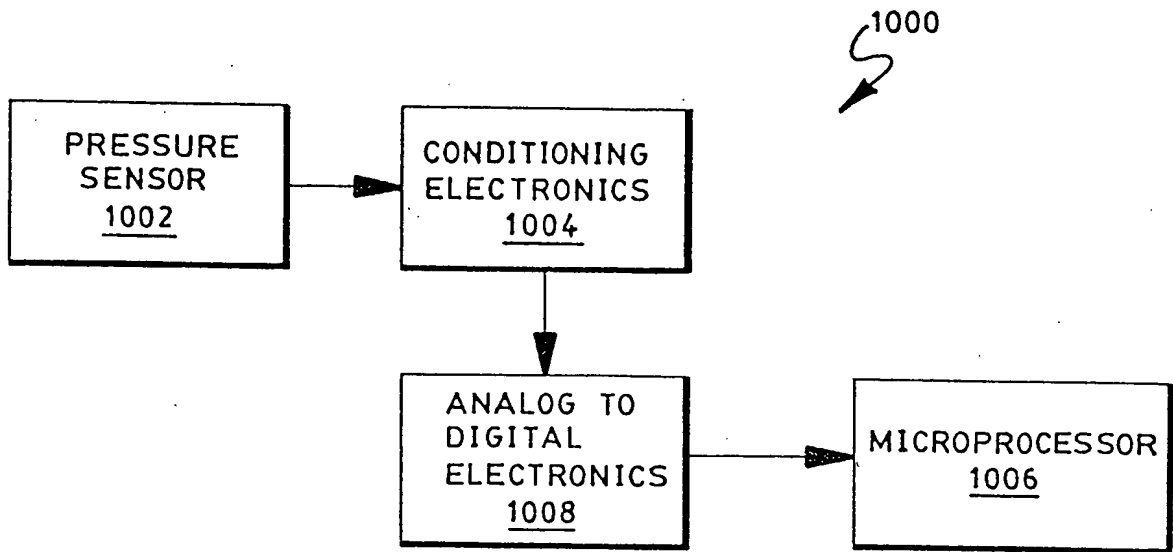


FIG. 36

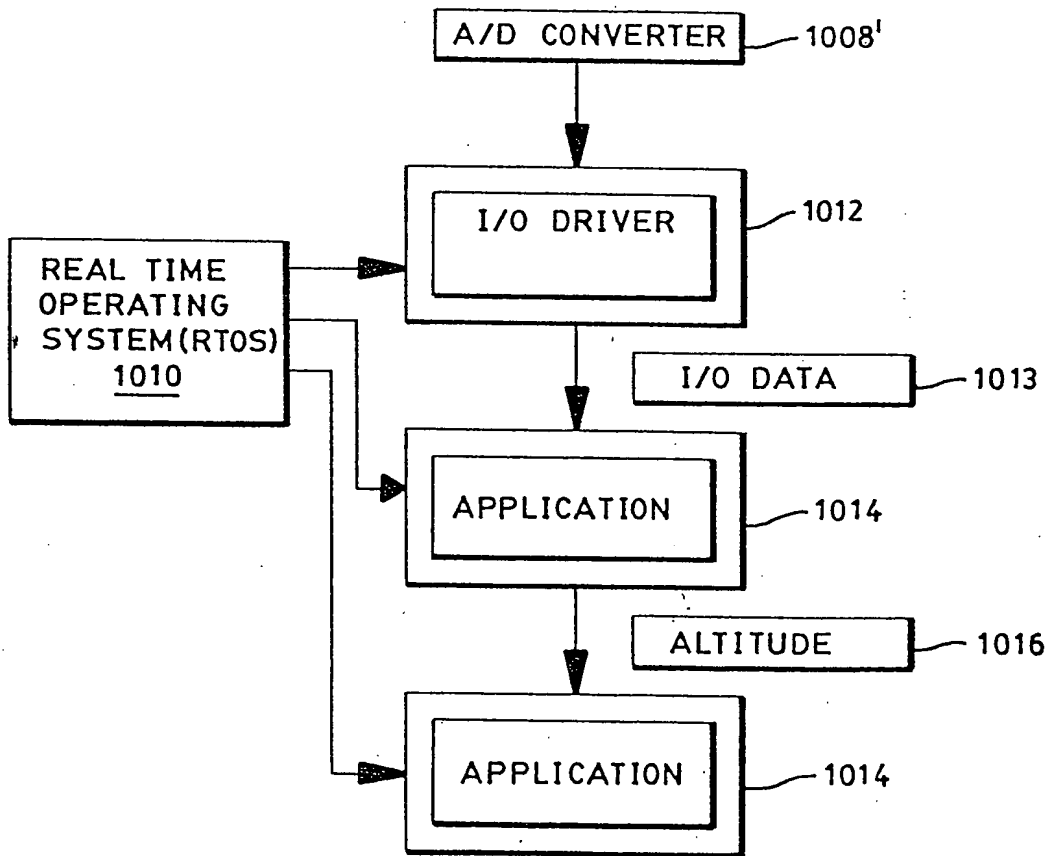
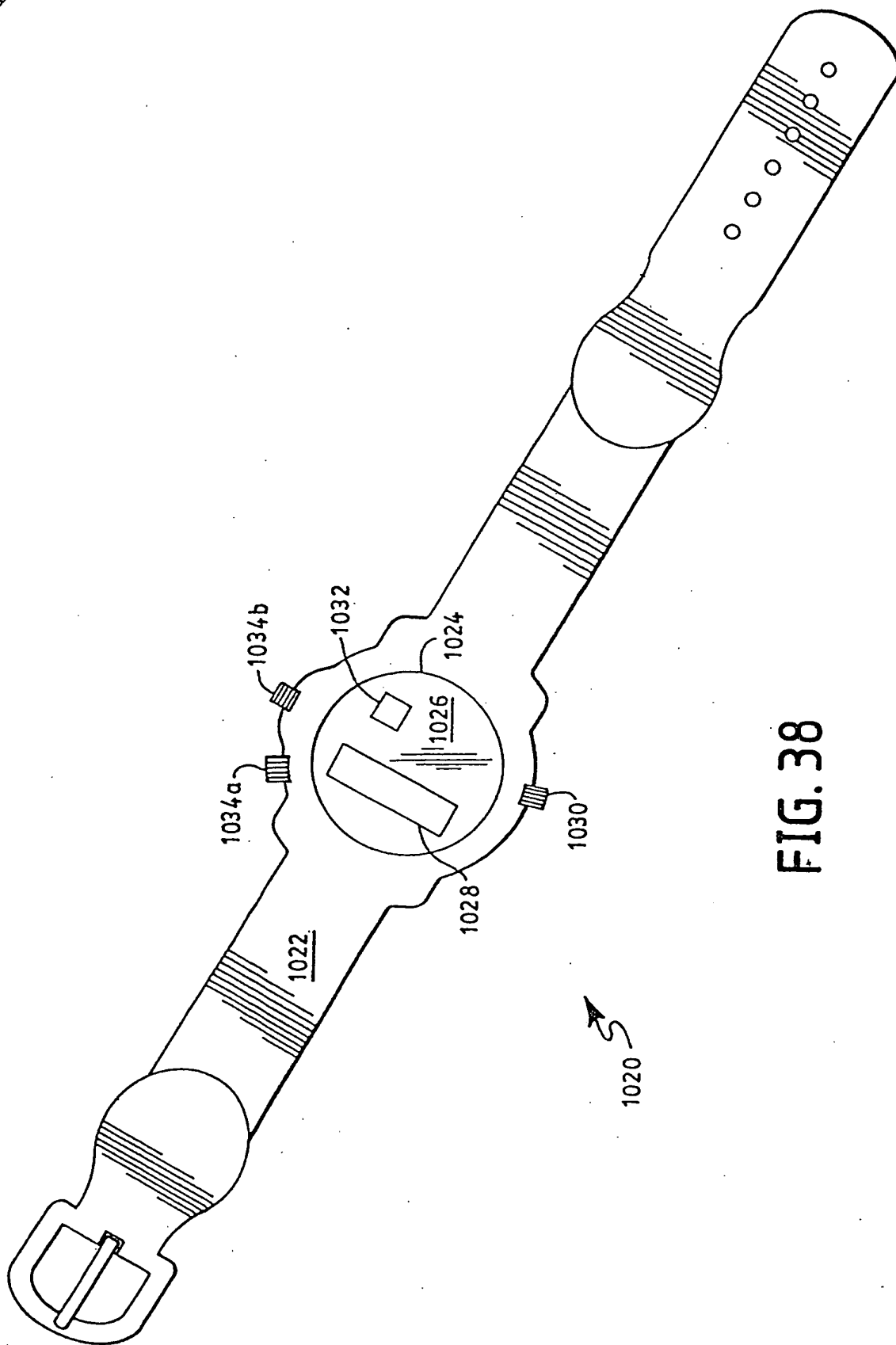
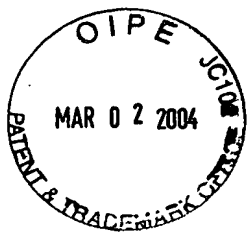


FIG. 37



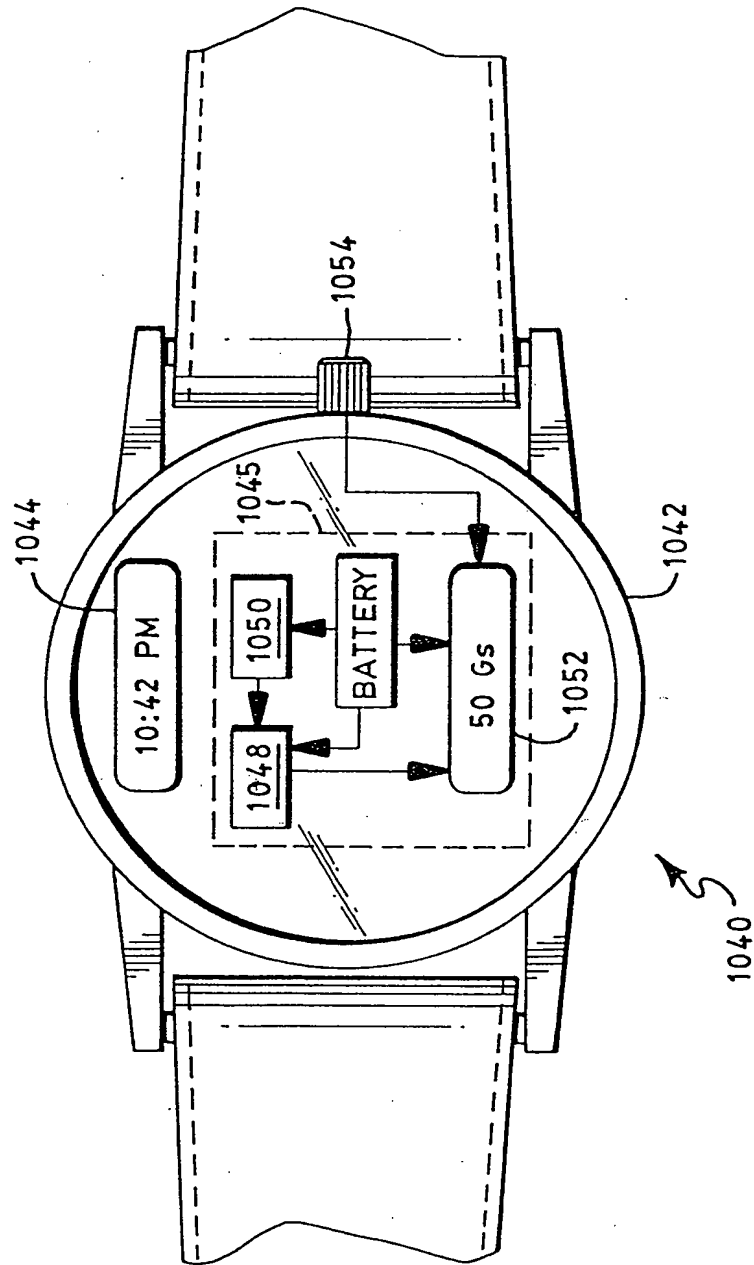


FIG. 39

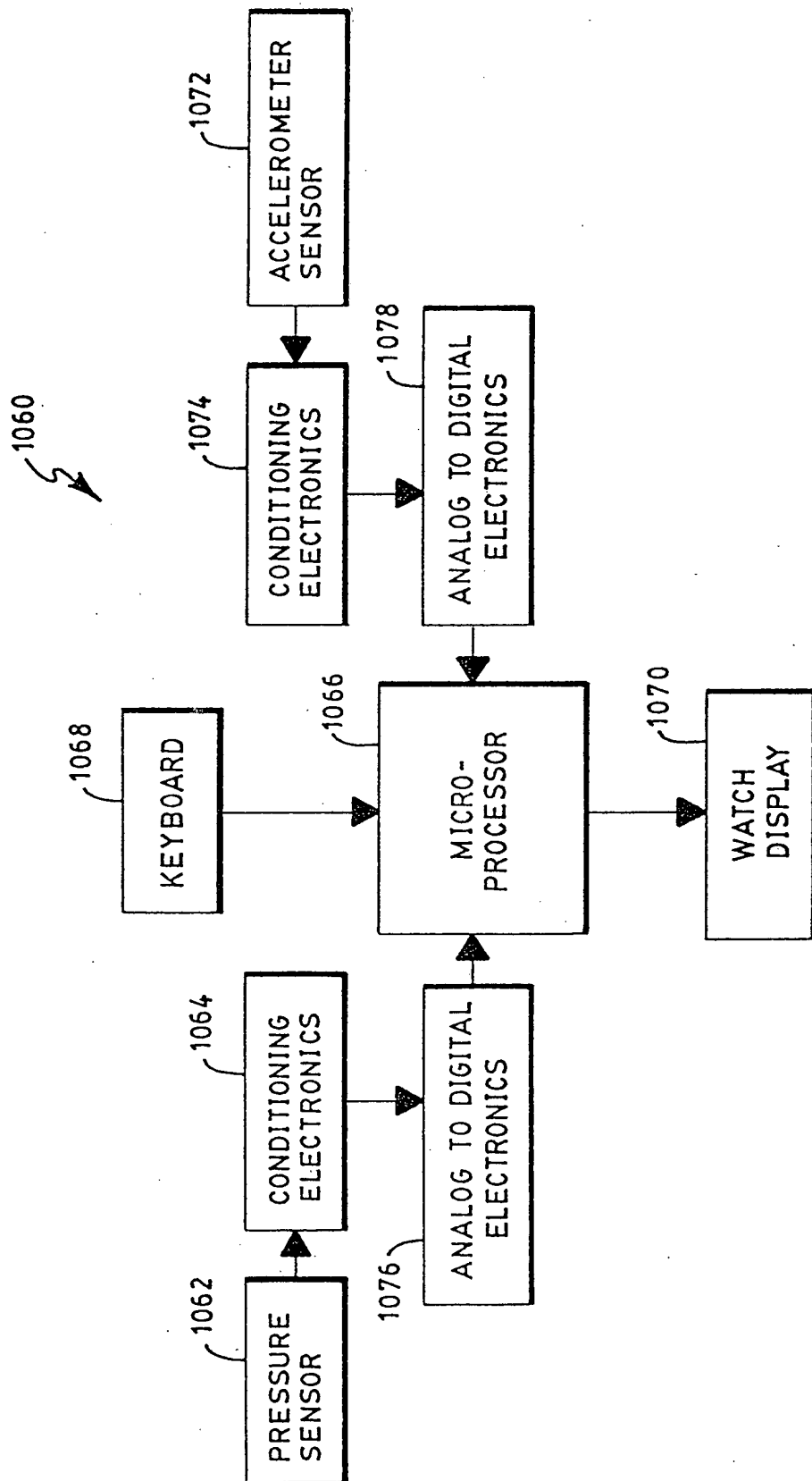


FIG. 40

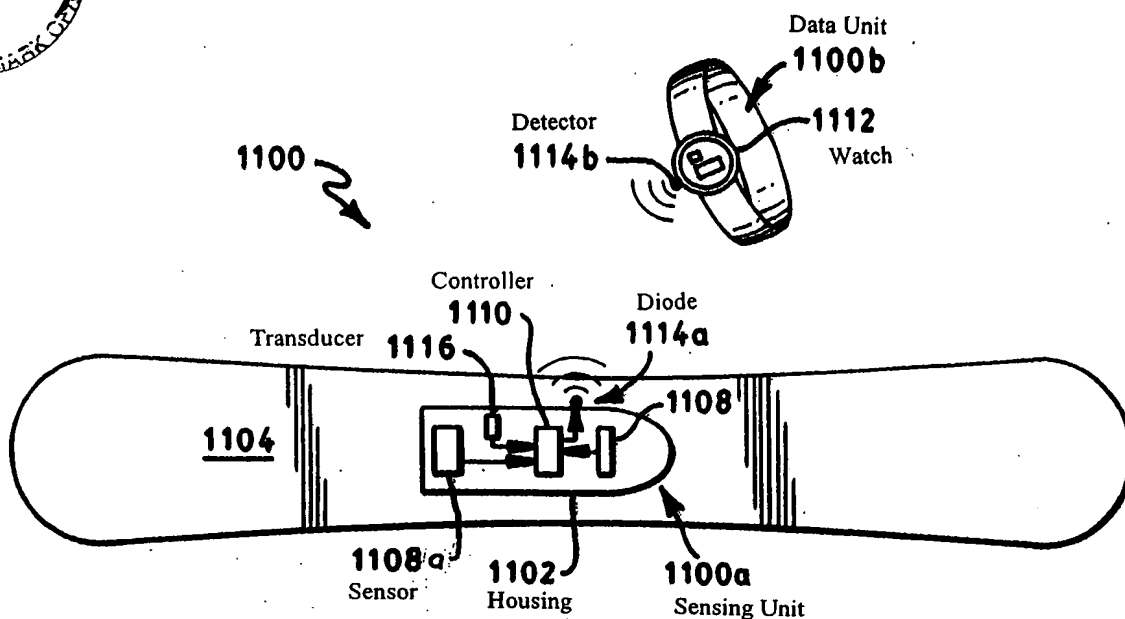


FIG. 41

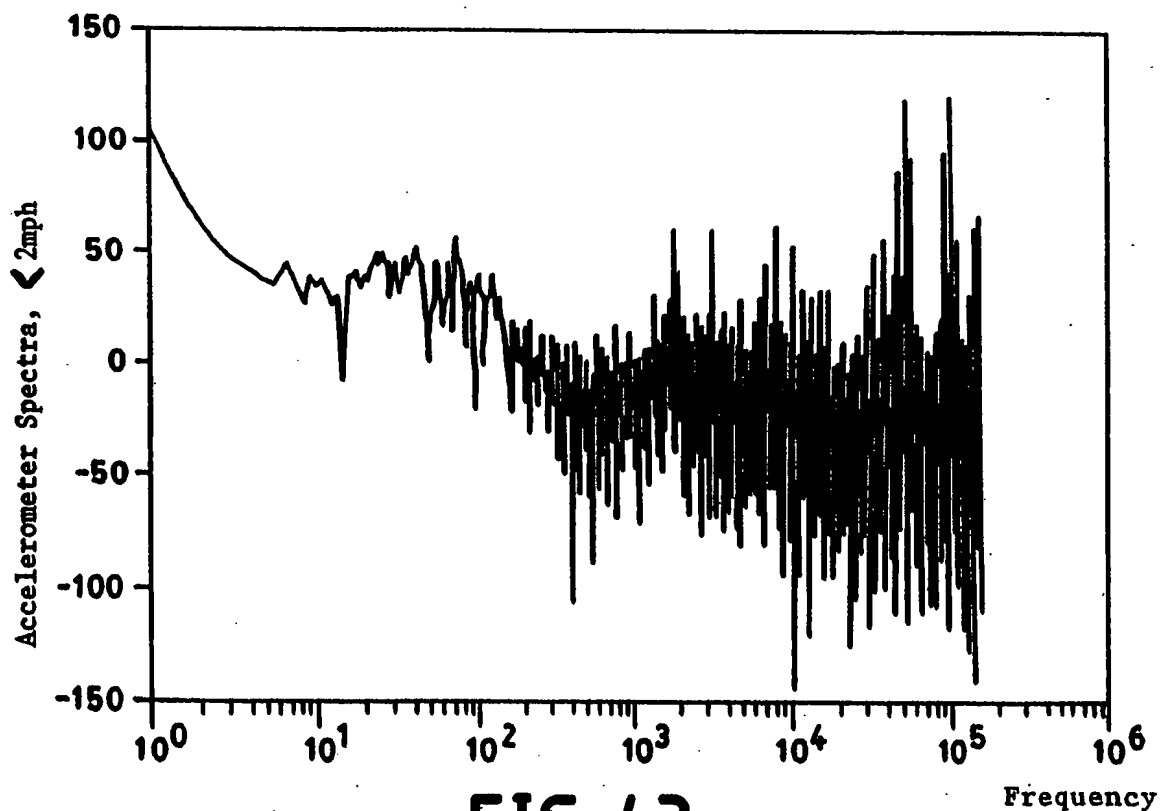


FIG. 43

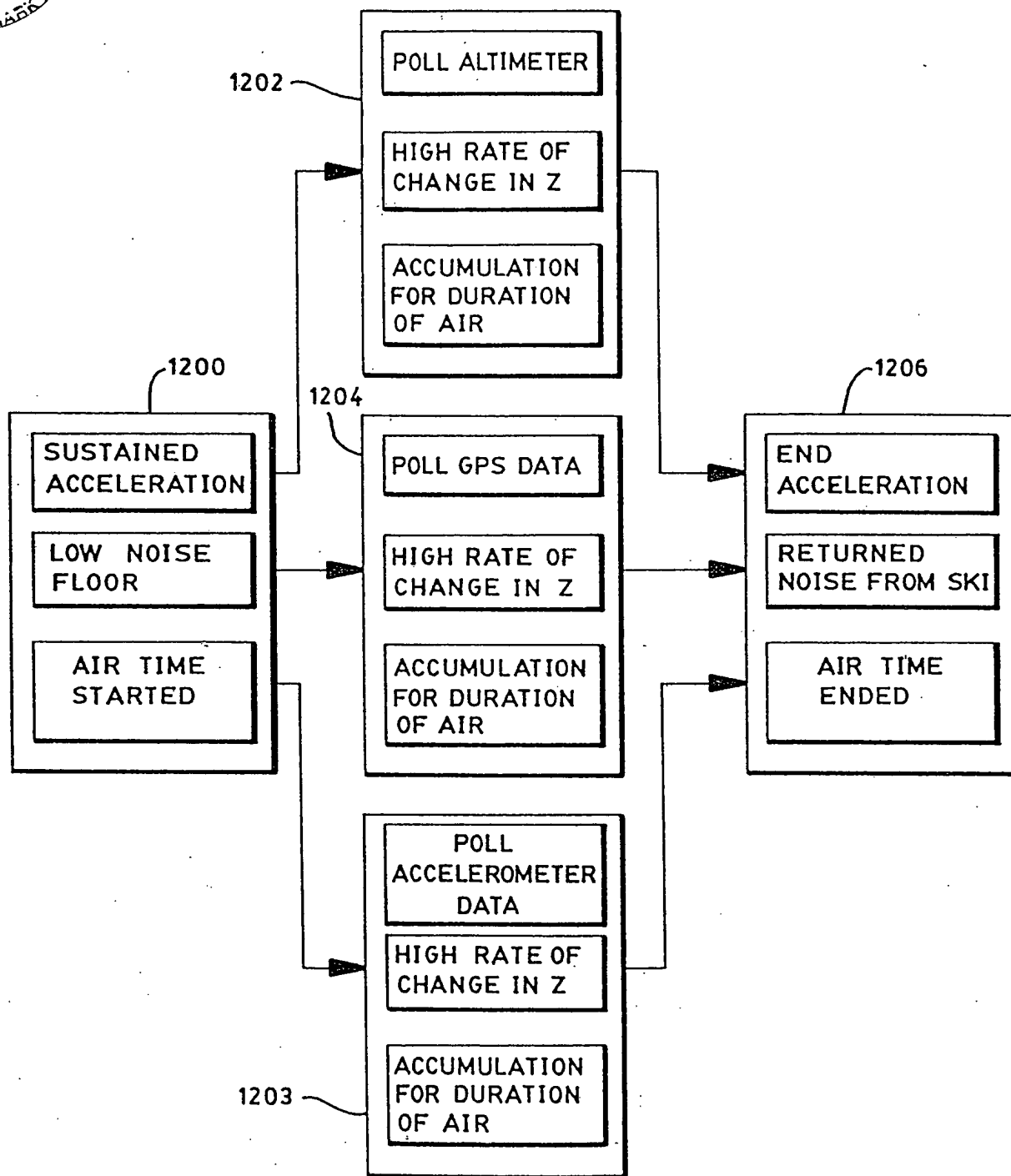
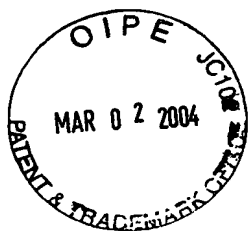
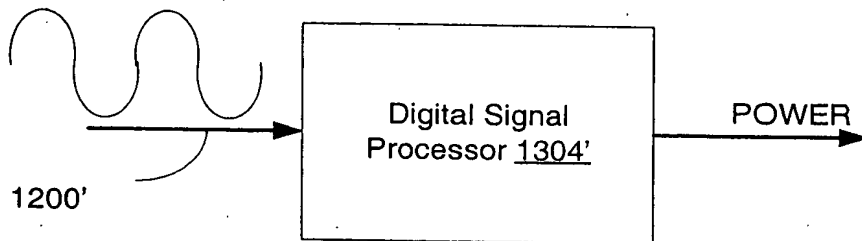


FIG. 42



FIG. 46



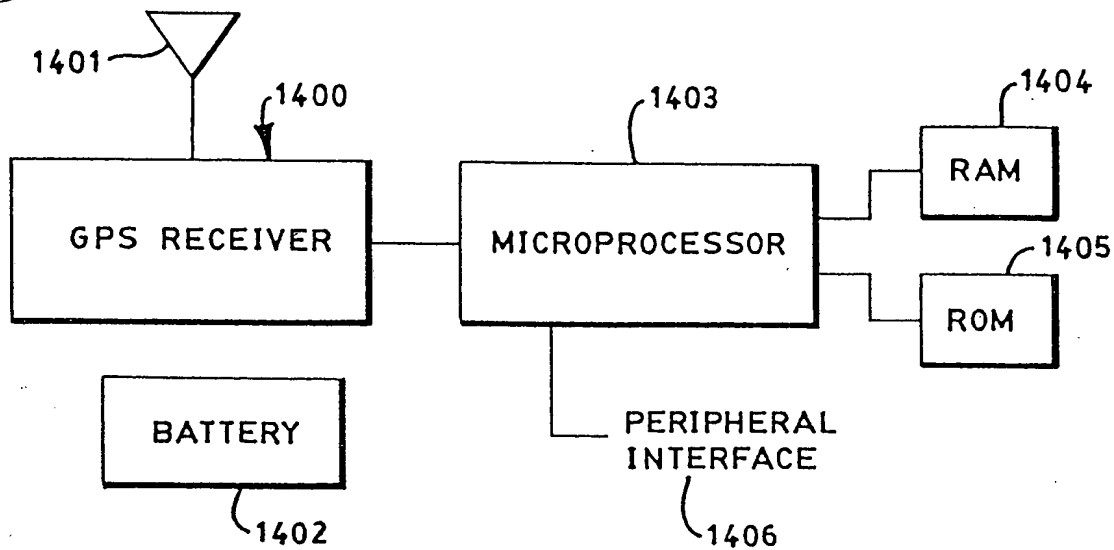
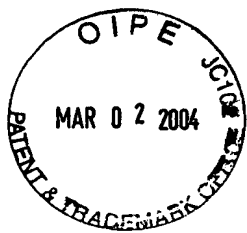


FIG. 47

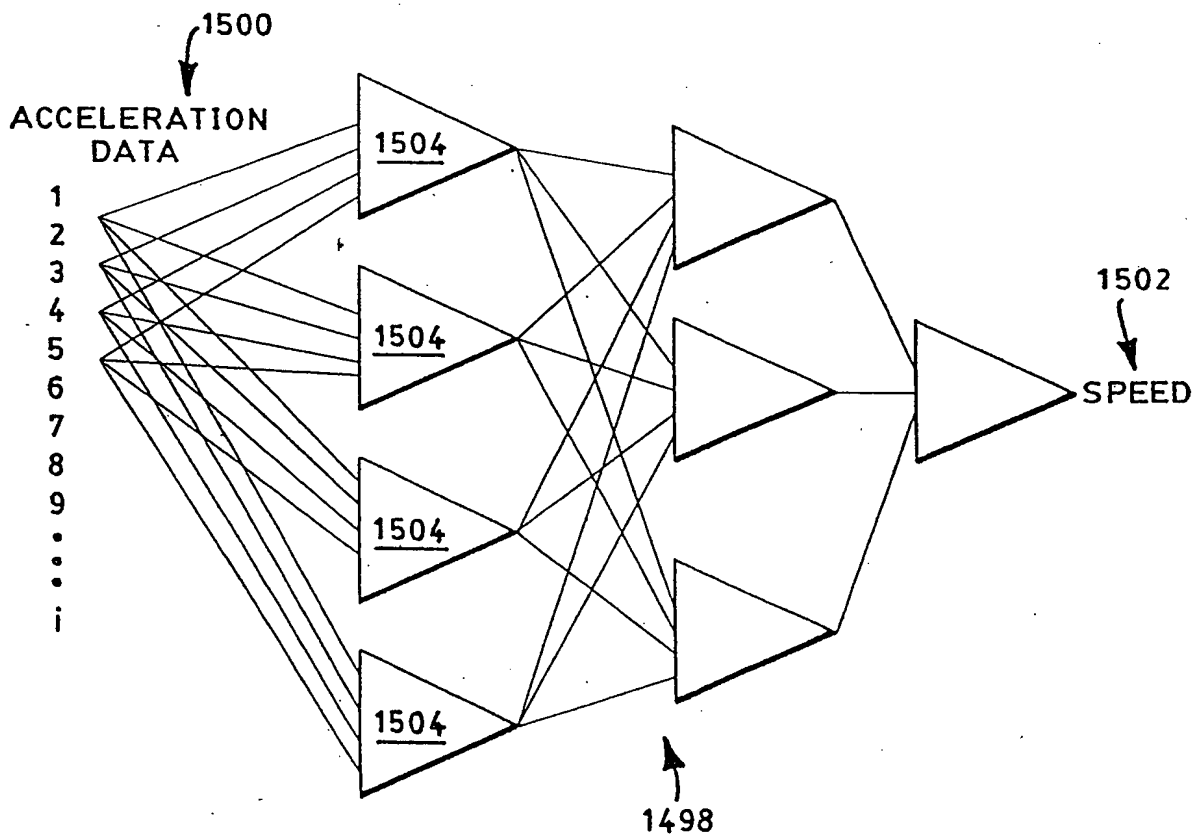


FIG. 48

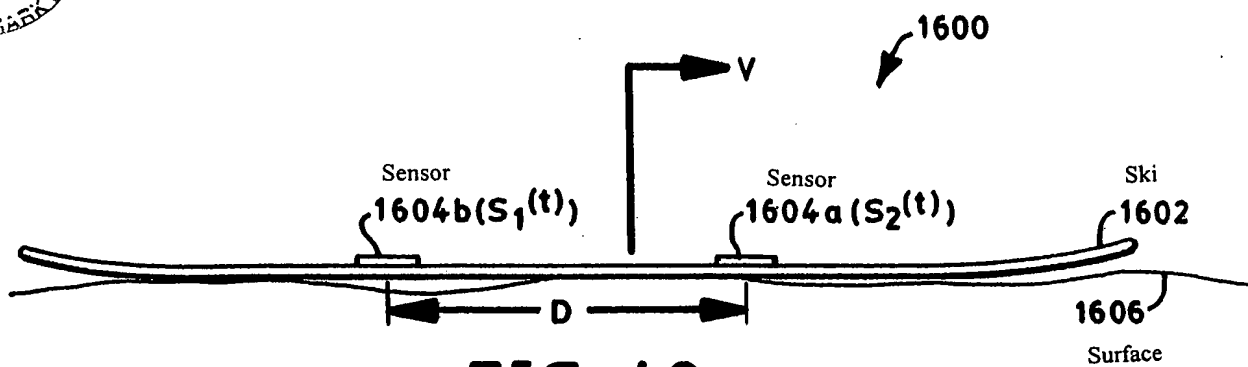


FIG. 49

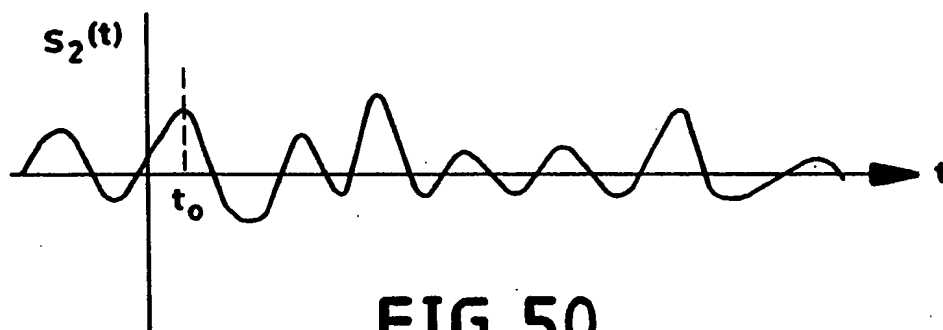


FIG. 50

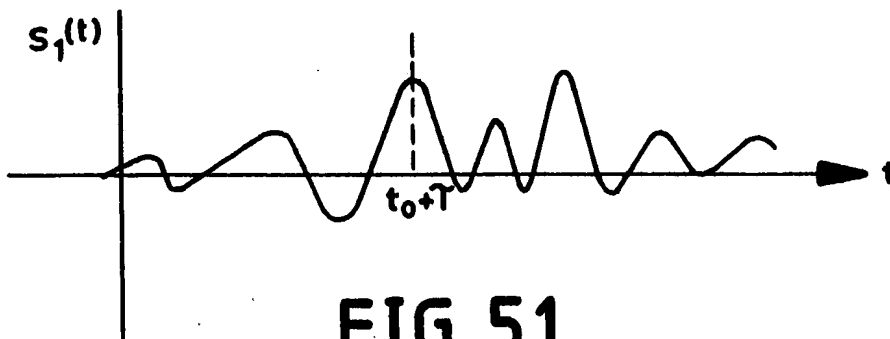


FIG. 51

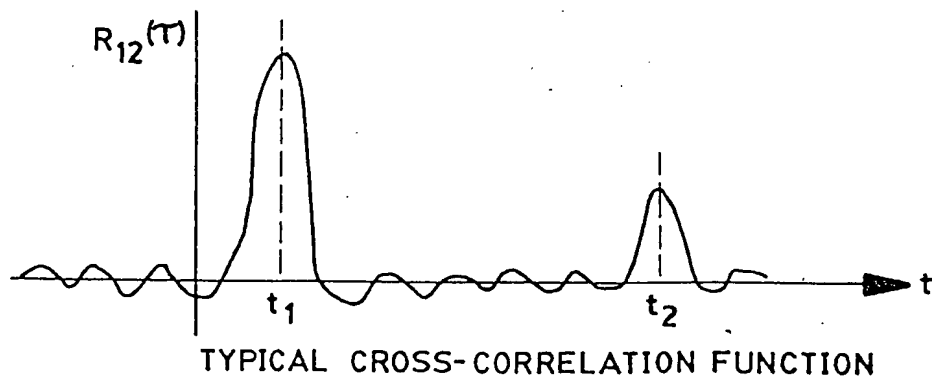


FIG. 52

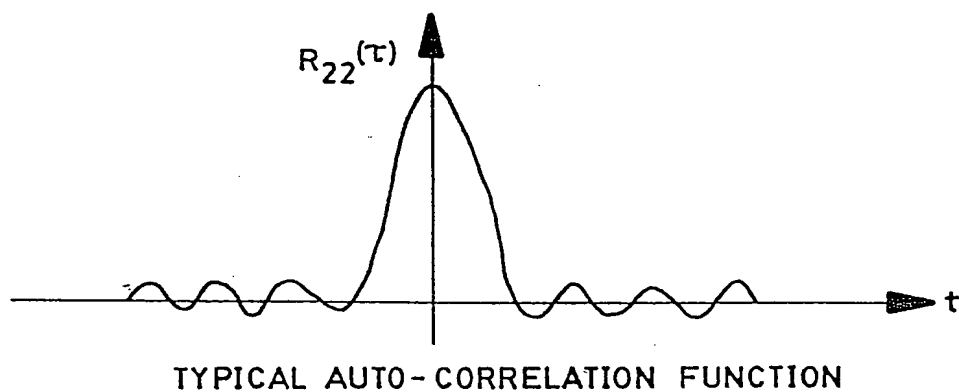
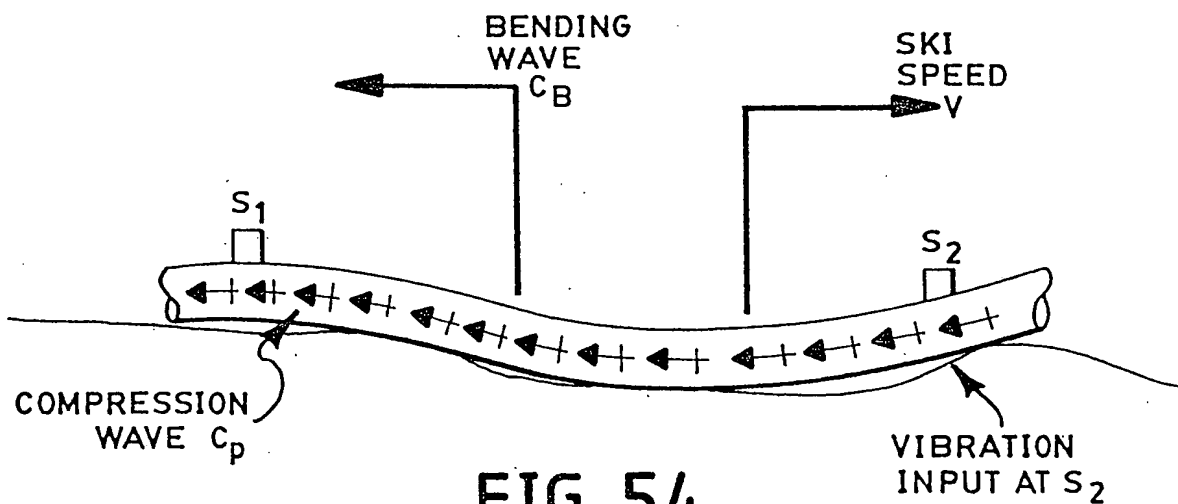


FIG. 53



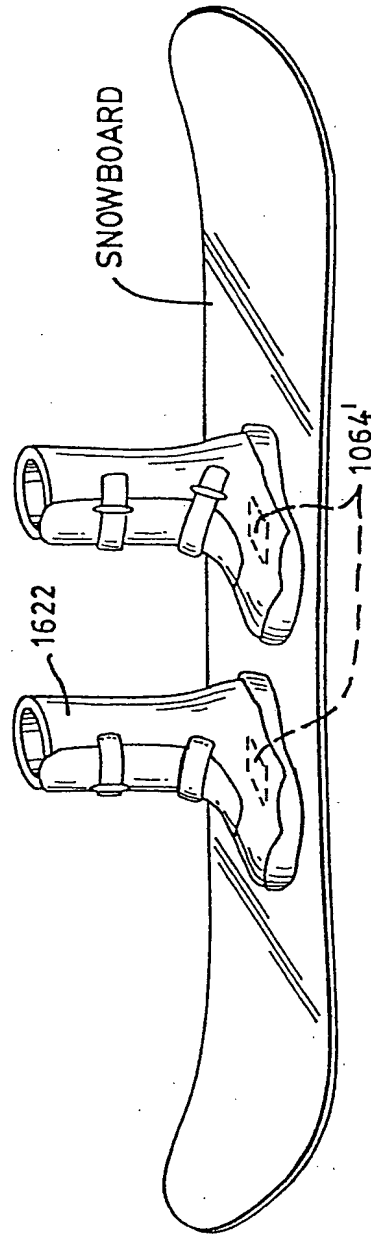


FIG. 55

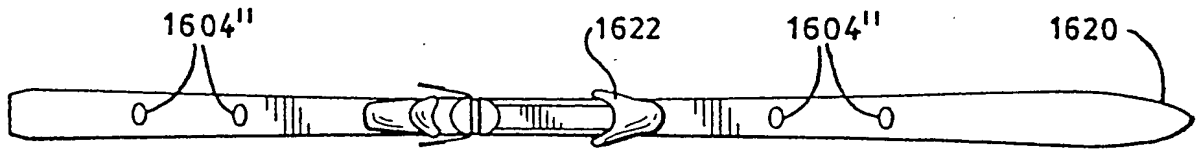


FIG. 56

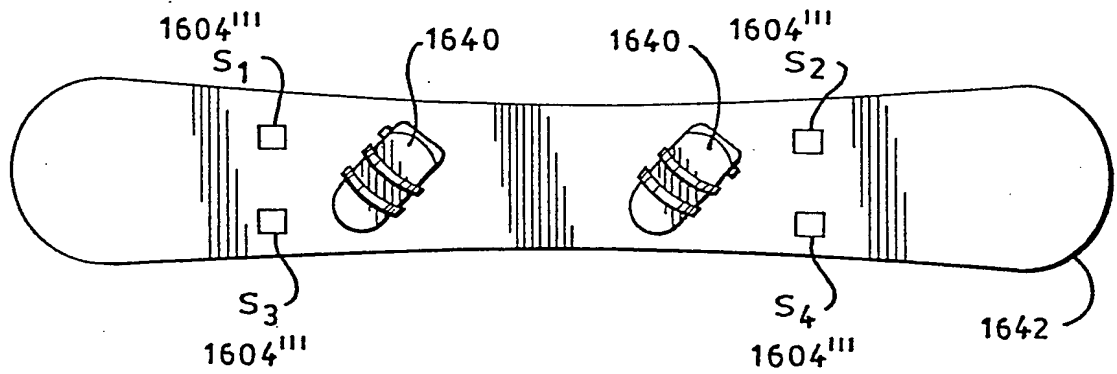


FIG. 57

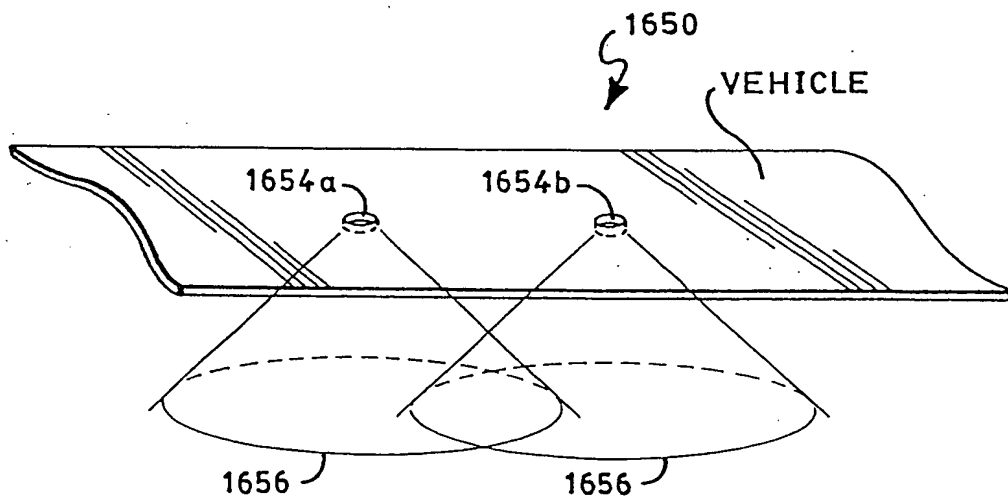


FIG. 58

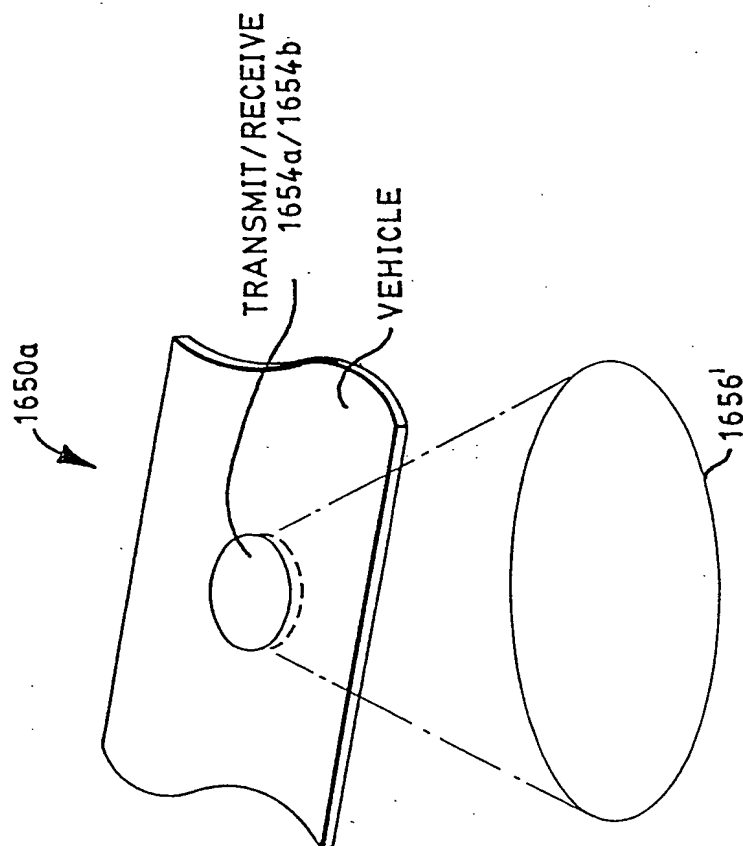


FIG. 59

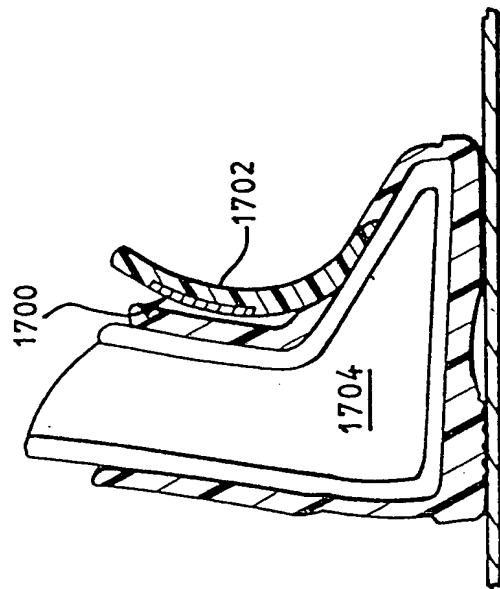


FIG. 62

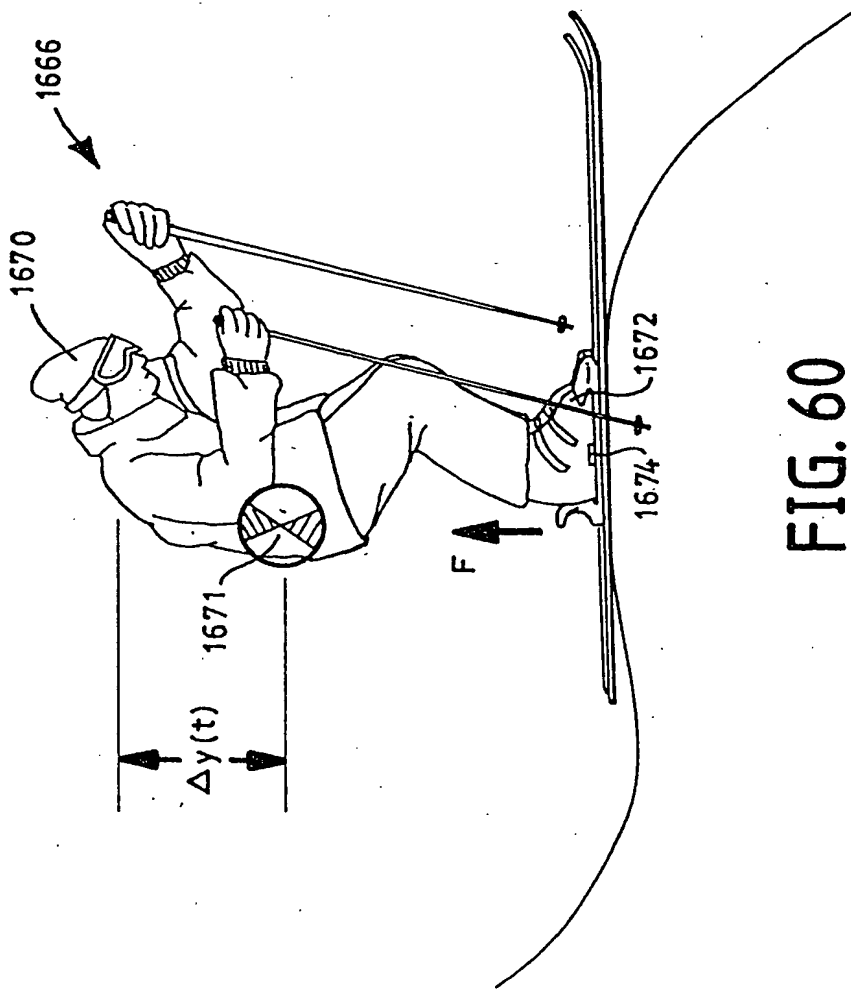
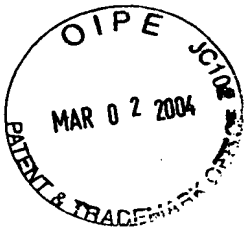


FIG. 60

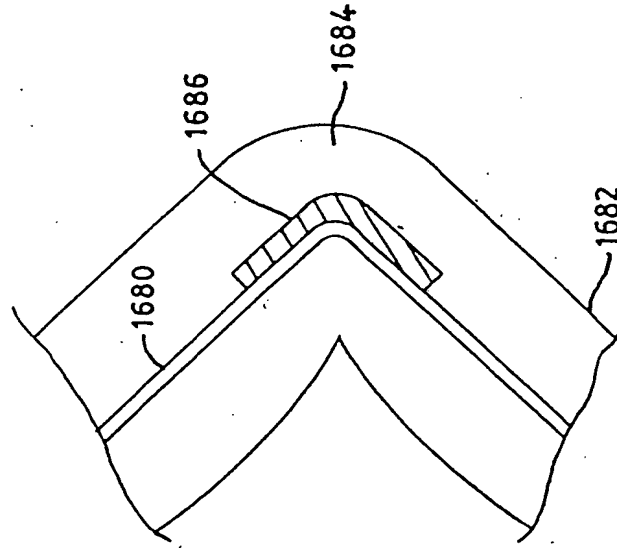


FIG. 61

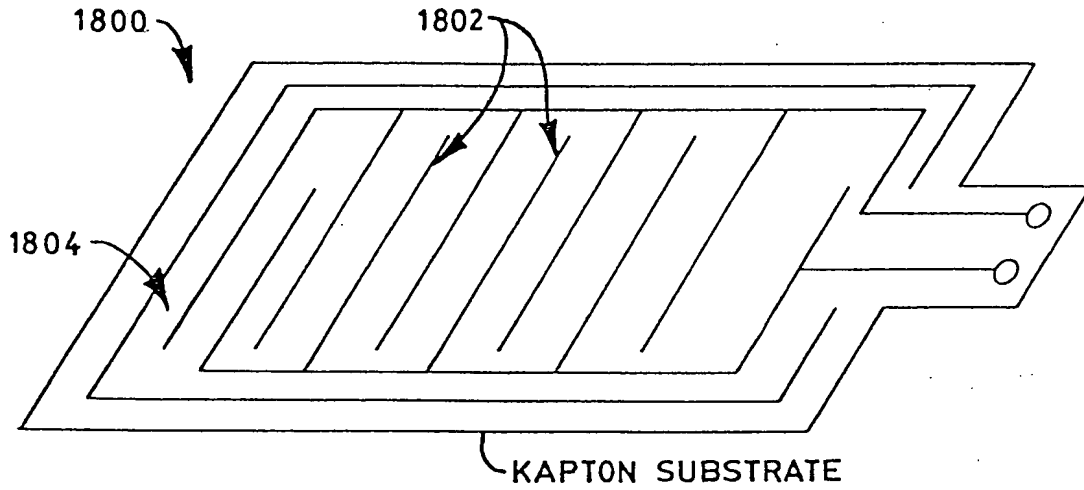


FIG. 63

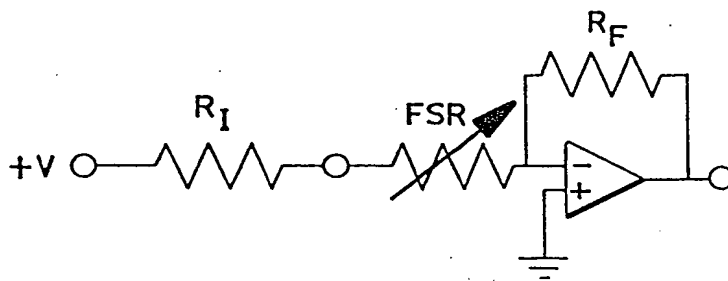


FIG. 64

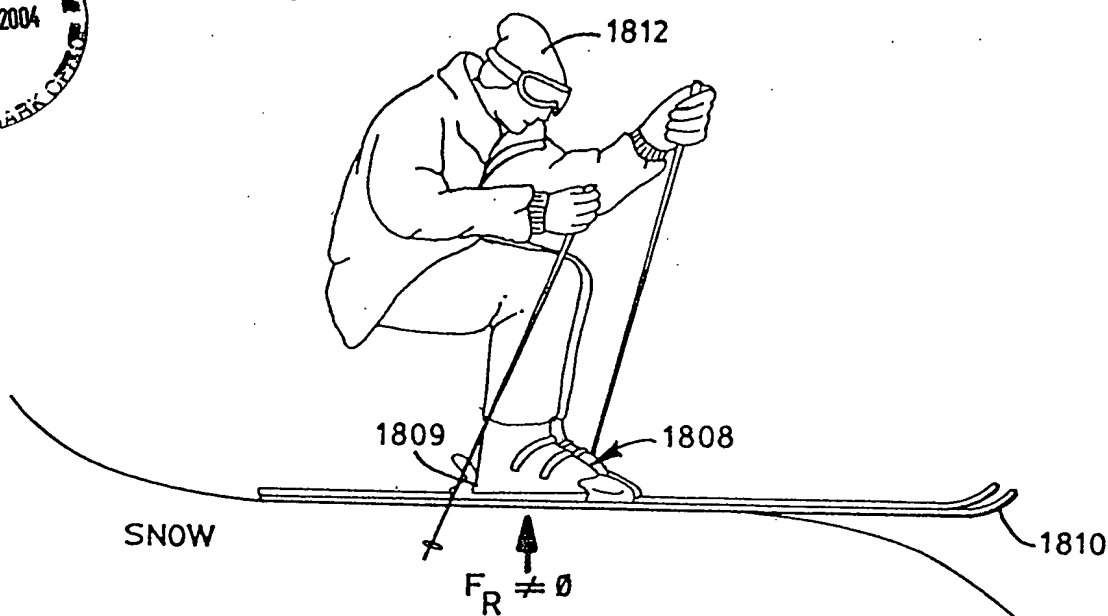


FIG. 65

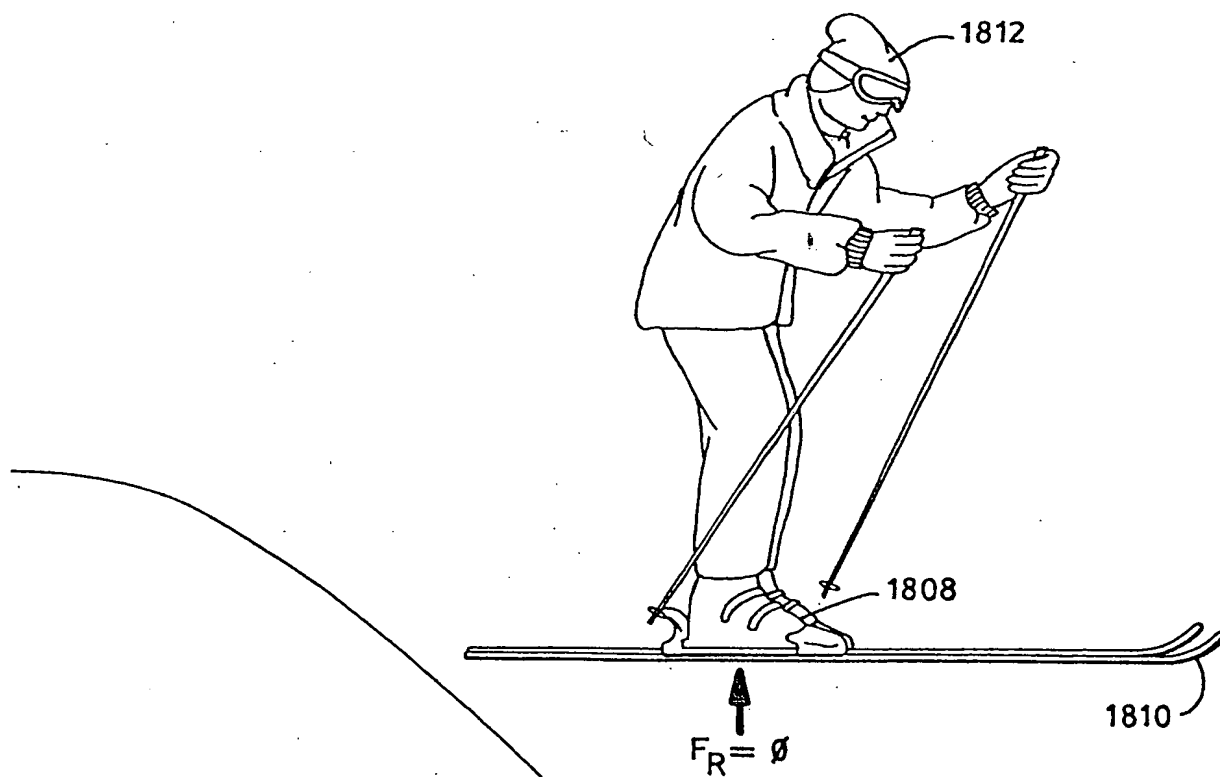


FIG. 66

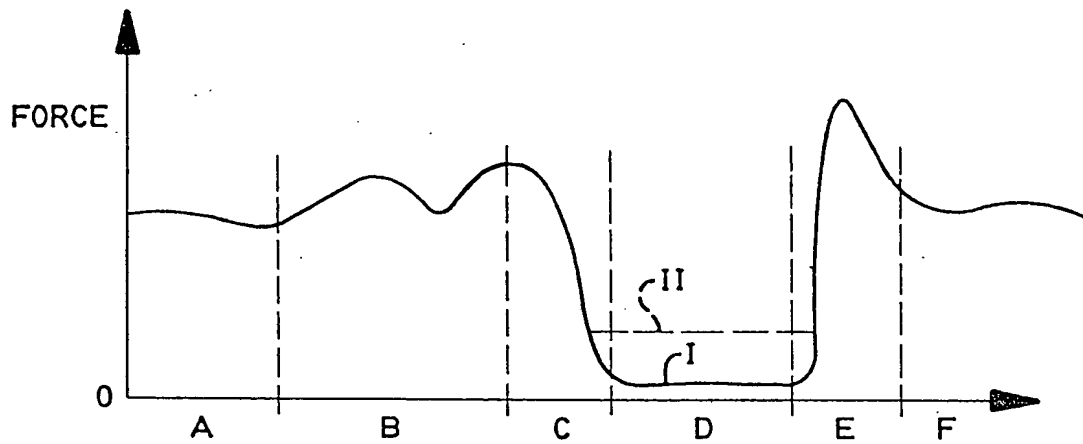


FIG. 67

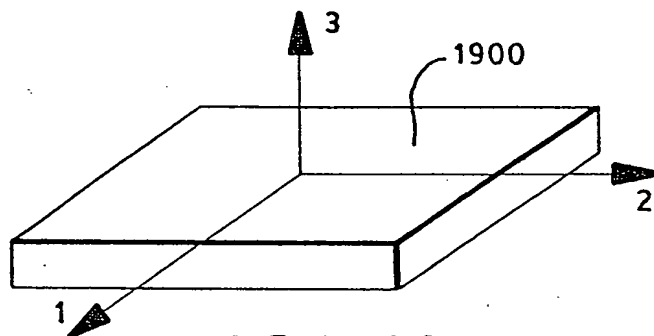


FIG. 68

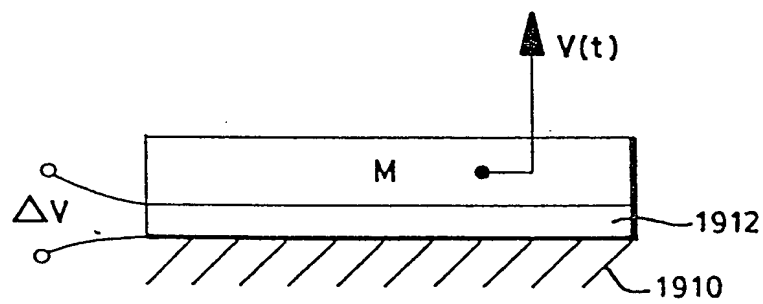


FIG. 69

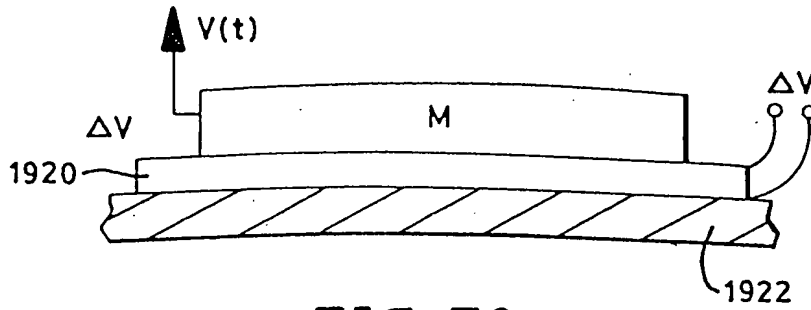


FIG. 70

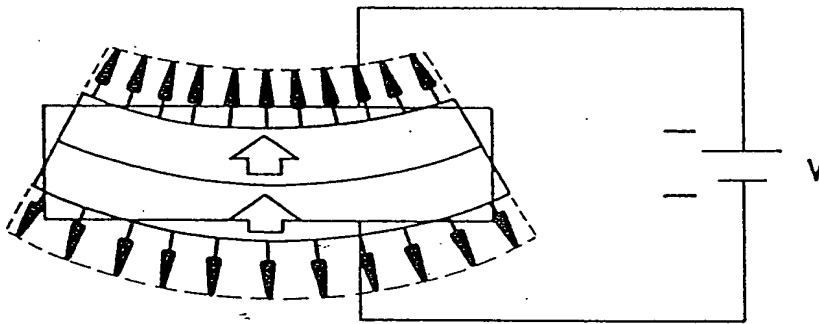


FIG. 71

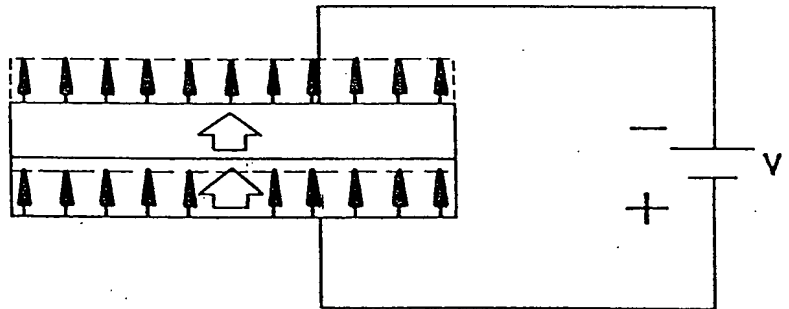


FIG. 72

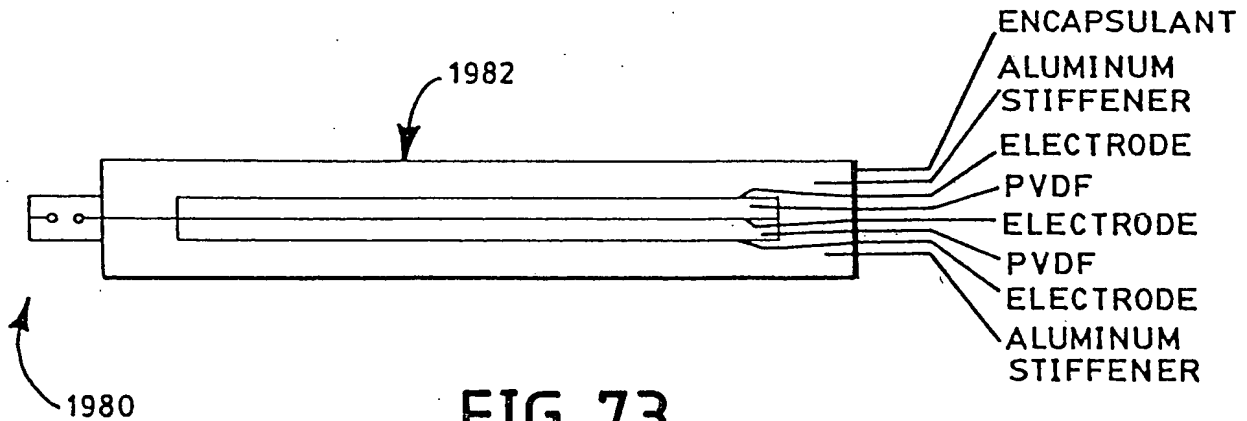


FIG. 73

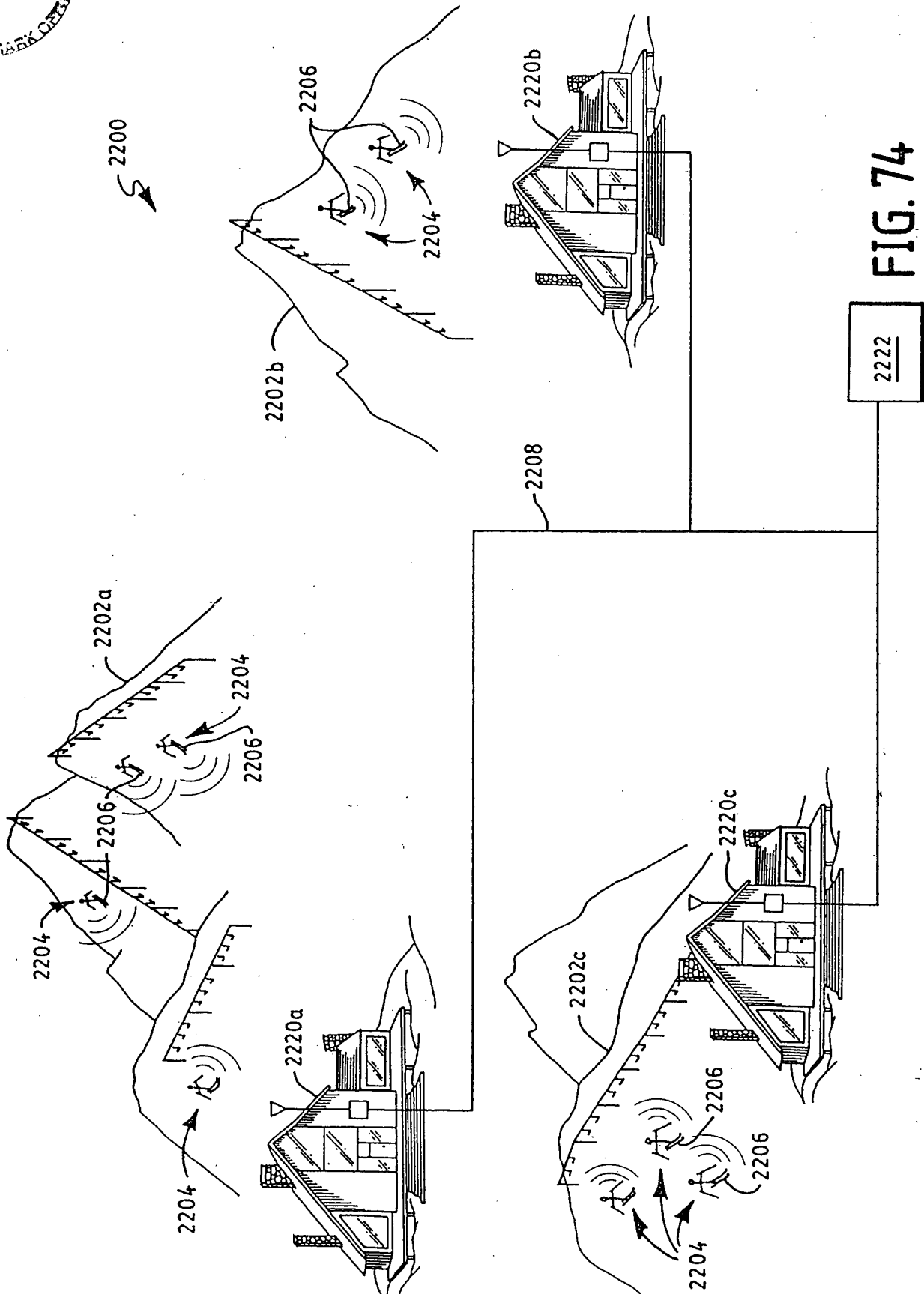


FIG. 74

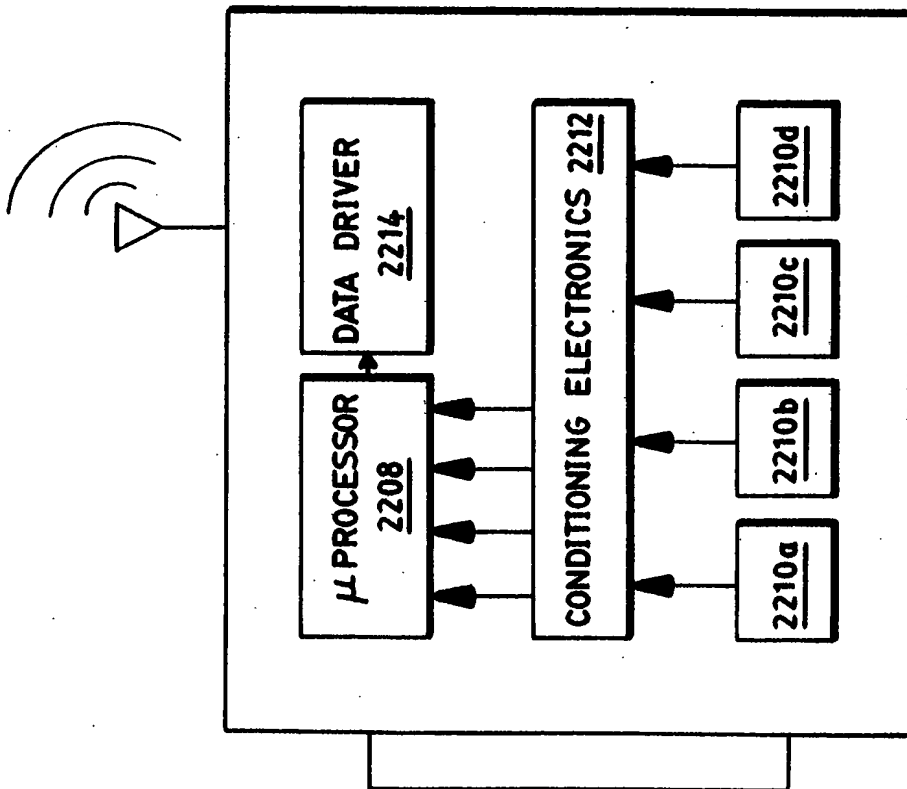


FIG. 75

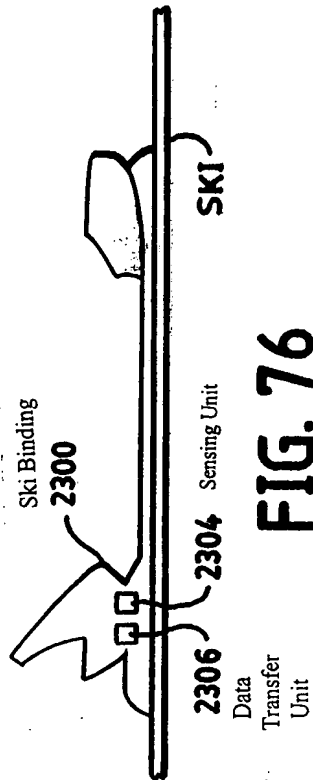


FIG. 76

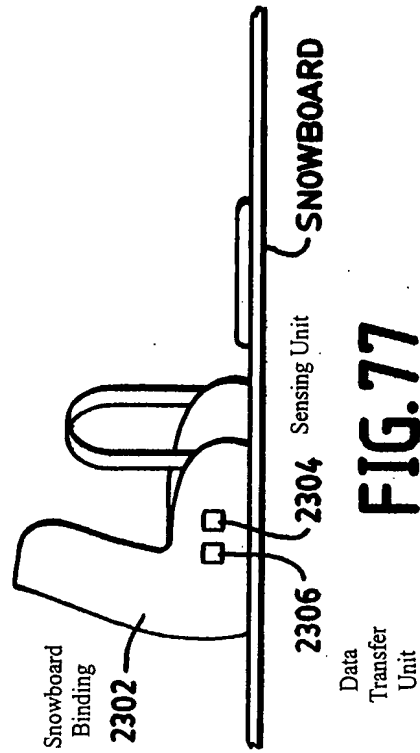


FIG. 77

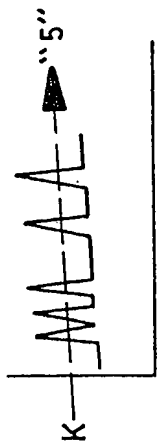


FIG. 78

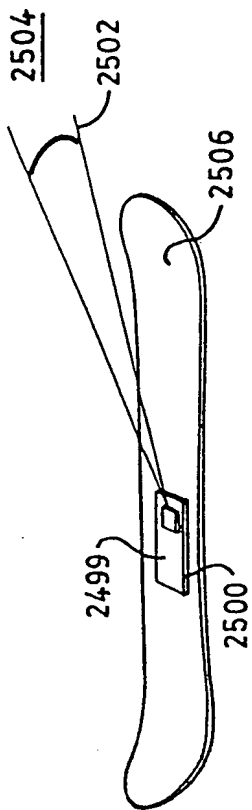


FIG. 79

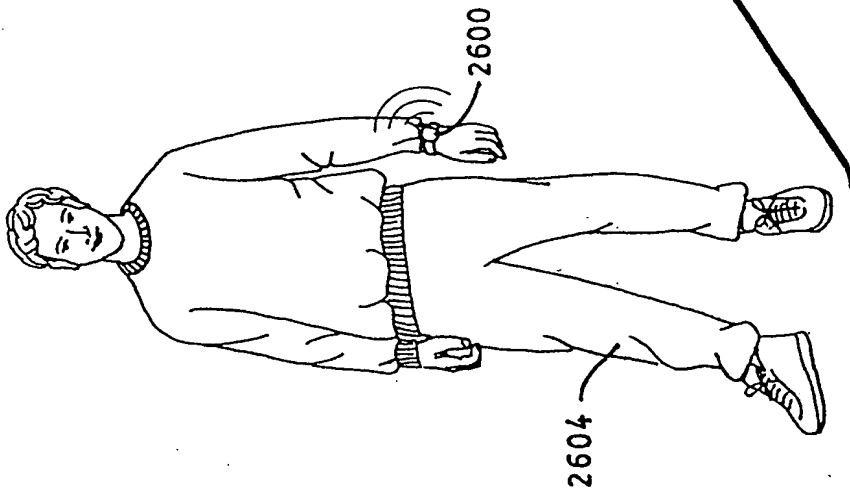


FIG. 80

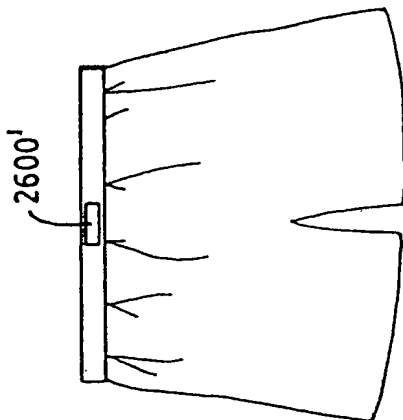


FIG. 81

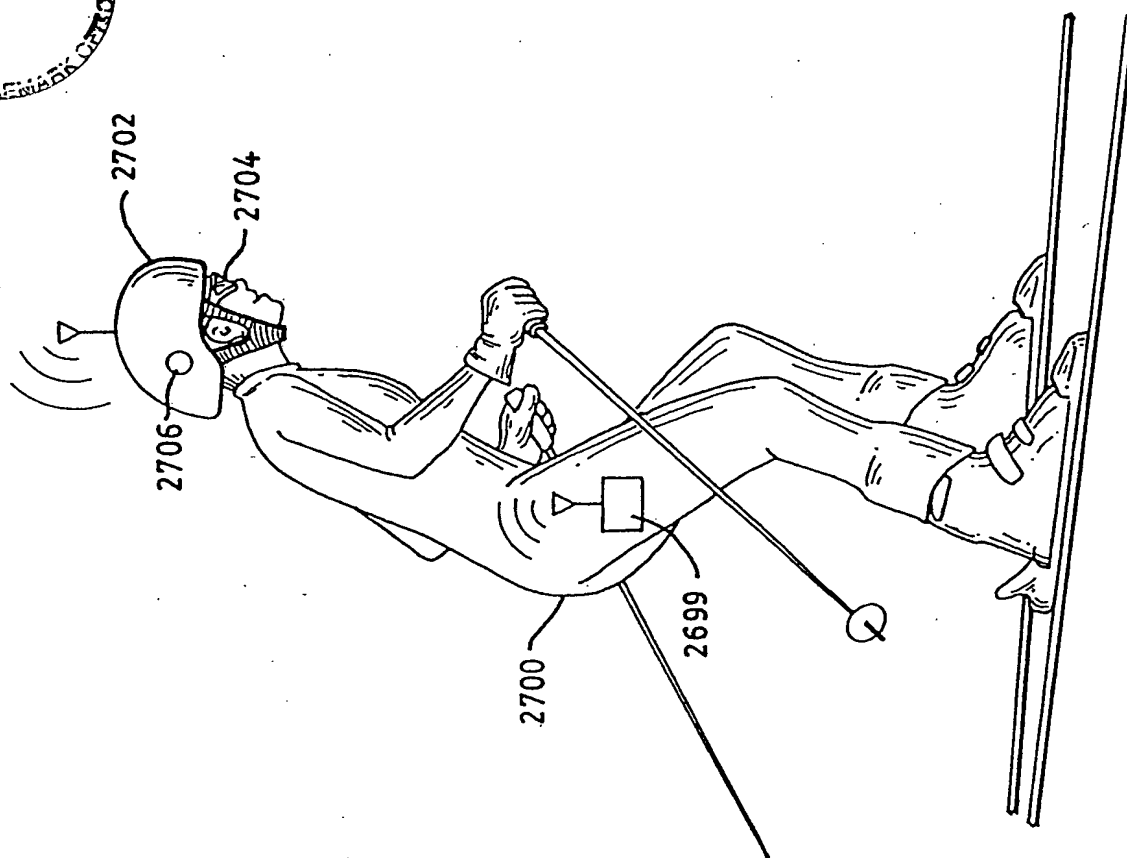


FIG. 83

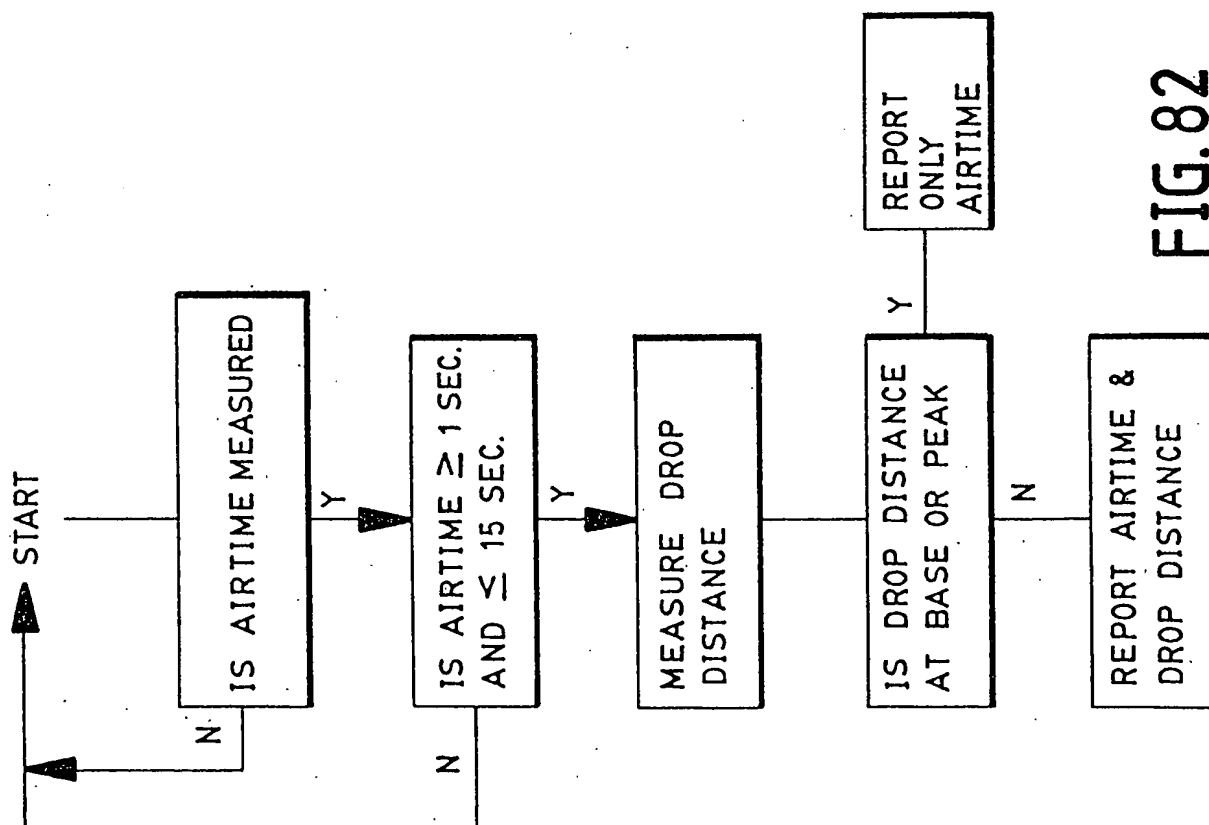


FIG. 82

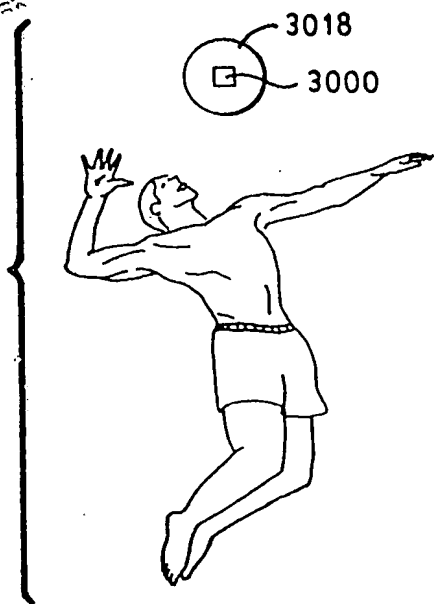


FIG. 84B

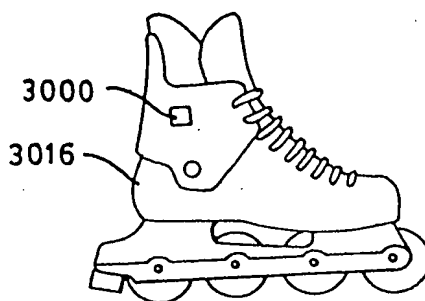


FIG. 84A

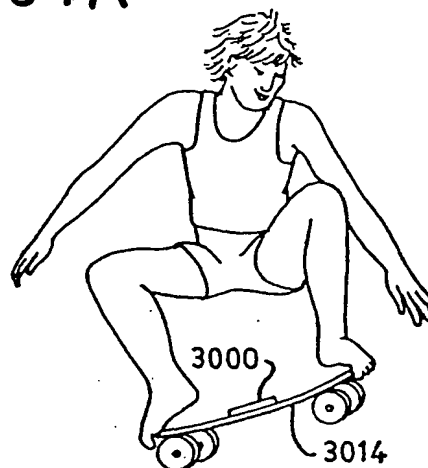


FIG. 84D

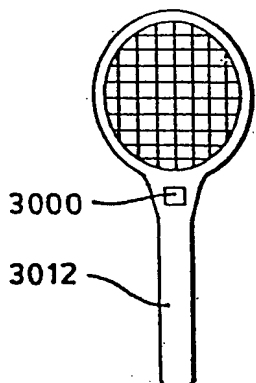


FIG. 84E

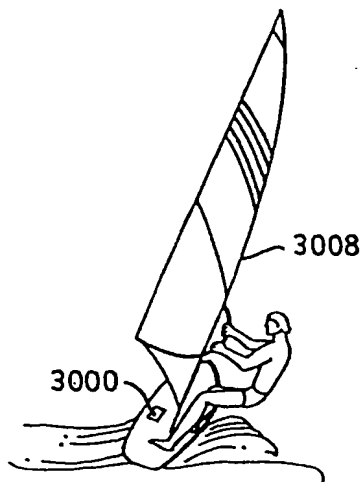


FIG. 84C

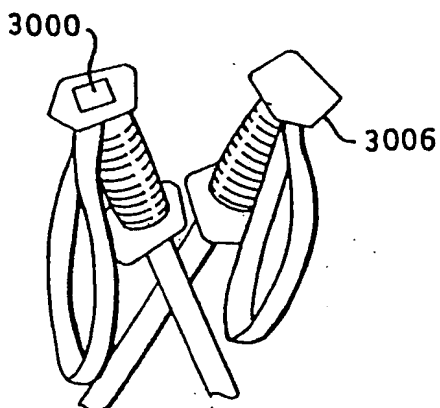


FIG. 84F

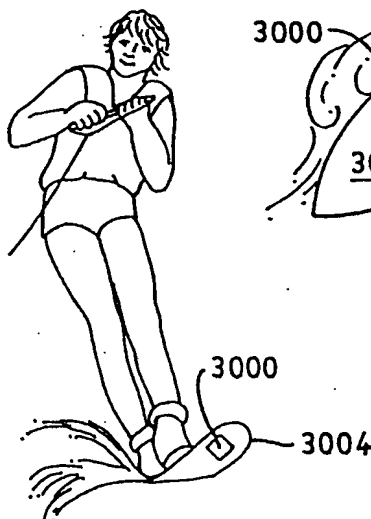


FIG. 84G

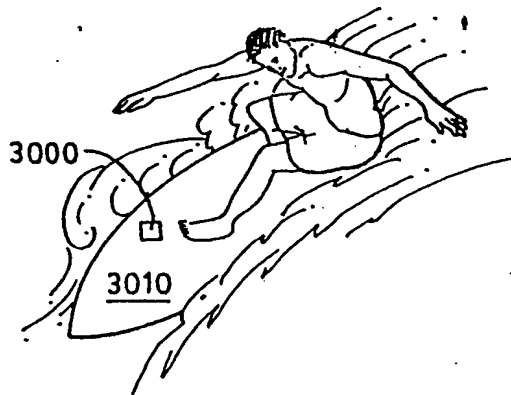


FIG. 84H